



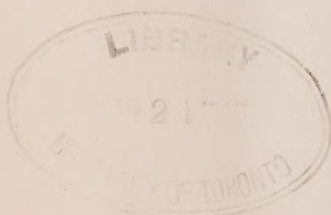
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Government
Publications

CAI
EC
- 79C18
v. 2

CANDIDE MODEL 2.0

MODEL DESCRIPTION



ECONOMIC COUNCIL OF CANADA
OCTOBER, 1979

ANOTHER PLASTITAB PRODUCT BY LOWE-MARTIN COMPANY INC

79-2181

PRICES AT THE INDUSTRY LEVEL INCLUDING
NOMINAL VALUES FOR PRODUCTION

Once money wages are formed and industry specific wagebill determined, we combine this information with industry specific output from the production side of the model to derive estimates of unit labour cost by industry. Unit labour cost, constructed in this fashion, is influenced by both money wage rates and productivity or output per manhour. Furthermore, using industry specific information on capital stock and user cost we construct measures of industry specific unit capital cost. These indicators (money wages, labour productivity and unit capital cost), in addition to influences from foreign prices and capacity pressure variables, are the main determinants of industry specific prices. The detail for industry prices is identical to the real output aggregation levels mentioned previously and is recorded in Table 1. Once sector prices are determined, by using the appropriate price times quantity identities, we obtain estimates for nominal values of production at the industry level.

When considering what factors influence industry specific price formation we divide the 48 industries in Table 1 into 3 specific subgroups. Industries 1 through

36 compose the commercial sector. The sector prices associated with these industries are influenced by domestic wage cost, labour productivity, unit capital cost, foreign prices and capacity pressure variables. Industries 37 through 43 compose the noncommercial sector. It was previously mentioned that these sector prices are in fact indices of wage rates. Industries 46 through 48 include indirect tax and subsidy deflators. These deflators trace the movement of (1) base valuation and (2) tax and subsidy rates.

The equations associated with these seven deflators (the noncommercial sector) are specified and estimated in a way similar to the wage rate equations in the commercial sector discussed in the previous section. These are influenced by inflation expectations and labour market tightness measures (such as the prime age male unemployment rate). The seven deflators influence the final demand prices associated with government purchases of goods and services. In the treatment of government purchases of goods and services we separate the behaviour of real wages and salaries and the behaviour of real purchases of other goods and services. In fact, these equations are the reaction functions discussed in the section on government purchases of goods and services. The indicator of real purchases of services (employment), when combined with the associated final demand

deflators (which are directly influenced through price conversion by the seven deflators associated with the noncommercial sector), produces an estimate of wagebill by level of government. These estimates of wagebill by level of government are then aggregated to the National Accounts total. The National Accounts total is fed to an identity which provides an estimate of average hourly compensation paid the public administration by dividing wagebill by manhours.

Manhours worked in the public sector is derived in the manhours, hours, and employment block of the model. It is influenced by real domestic product, with no adjustment for productivity. Real domestic product in the public sector depends upon the real expenditure vector which is formed by reaggregating the results obtained from the reaction functions to the 12 items indicated in Table 2 (government purchases of goods and services). Six of these items are value-added concepts.

In summary, wage determination in the public sector occurs in the sector price block. Seven prices in this block are modelled as wage rate equations. This information finds its way to the wagebill block through a series of identities and related stochastic equations. It is clear that if we were to have stochastic equations for

both sector prices in the noncommercial sector and the money wage rate in the government sector the system would be overdetermined.

There is a third class of sector deflators. These indices are associated with industries 46, 47, and 48: commodity indirect taxes, noncommodity indirect taxes and subsidies. These indices are formed by three identities. The denominators of these identities are obtained from output conversion. They represent the real value of commodity indirect taxes, noncommodity indirect taxes, or subsidies. Movements in the denominators occur only as a result of changes in quantities. Movements do not occur as a result of tax rate changes or price changes. The numerators of these three identities are obtained by aggregating the various tax and subsidies items by level of government to the required accounting framework (commodity, noncommodity, subsidies). These equations are located in the government revenue and expenditure block. The time series associated with the numerators are influenced by price movements, quantity movements, and tax rate changes. The indices formed by division are indices of tax rates and base valuations.

In summary, the mechanics of sector price formation is derived into three groups: (1) the commercial

sector composed of the first 36 industries in Table 1 is influenced by money wage rates, productivity, unit capital cost, foreign prices, and capacity pressure variables; (2) the seven sector deflators associated with the noncommercial sector, (industries 37 through 44) are in fact indices of wage rates and therefore are modelled accordingly (here the major influence is inflation expectations and labour market tightness); (3) the price indices associated with commodity indirect taxes, noncommodity indirect taxes, and subsidies are formed from three identities. The numerator of each finds its way to the sector price block from the revenue and expenditure side of the government accounts, after aggregating indirect taxes and subsidies to the required accounting framework. The corresponding denominator finds its way to the sector price block from output conversion. It is a proxy for the real value of these taxes assuming no price or tax rate changes.

VARIABLES DETERMINED OUTSIDE THE GROSS DOMESTIC PRODUCT BLOCK

INFLATION EXPECTATION	.CPIE
CONSUMER PRICE INDEX	CPI
UNEMPLOYMENT RATE - MALE - AGED 25-54	DMURATE25.54
DUMMY VARIABLE - WAGEBILL BLOCK	DUMMY70
UNEMPLOYMENT RATE	DURATE
EDP, INDIRECT TAXES - COMMODITIES	EIBTCD
EDP, INDIRECT TAXES - NONCOMMODITIES	EIBTNC
EDP, SUBSIDIES	ESUB
AVG OF CONVENTIONAL & N.H.A. MORTGAGE RATES	FRMC
GOVT EXPND - SUBSIDIES	GE.SUBS
AVE WKLY HRS - ELECTRICAL PROD INDST	HMFDR331.39
AVE WKLY HRS - FOOD & BEVERAGE INDST	HMFND101.09
CAP STOCK AGRICULTURE, FISH & TRAP INDST-M&E	IKAGFTM
CAP STK METAL MINING INDST - BLDG & ENG CONST	IKMIMMCS1.9
CAP STK METAL MINING INDST - MACH & EQUIP	IKMIMM51.9
CAP STK UTILITY INDST - BLDG CONST	IKUTILC572.9
CAP STK UTILITY INDST - M&E & CICOE	IKUTILM572.9
USER COST AGRICULTURE, FISH & TRAP INDST - MACH & EQUIP	IUCAGFTM
USER COST COMMUNICATION INDST - MACH & EQUIP	IUCOMMM543.8
USER COST FIN INS & REAL ESTATE INDST - BLDG CONST	IUCFIREC701.37
USER COST MOTOR VEHICLE PARTS & ACC - M&E & CICOE	IUCWFD325
USER COST NON METAL MINING PROD INDST - M&E & CICOE	IUCWFD351.9
USER COST TOBACCO PROD INDST - M&E & CICOE	IUCWFDN151.3
USER COST RUBBER & PLASTIC PROD INDST - M&E & CICOE	IUCWFDN162.5
USER COST MISC MANUFACTURING INDST - M&E & CICOE	IUCWFDN391.9
USER COST COAL MINING - M&E & CICOE	IUCMCLM61
USER COST METAL MINING INDST - BLDG & ENG CONST	IUCMIMMCS1.9
USER COST METAL MINING INDST - MACH & EQUIP	IUCMIMM51.9
USER COST CRD PET NATL GAS & SRVS INC TO MIN IND - M&E	IUCMIPM64+96.9
USER COST TRANSPORT INDST - M&E & CICOE	IUCTRSPM501.27
USER COST UTILITY INDST - BLDG CONST	IUCUTILC572.9
USER COST UTILITY INDST - M&E & CICOE	IUCUTILM572.9
MANHOURS - CONSTRUCTION	MCNST
MANHOURS - IRON & STEEL INDUSTRIES	MMFDR291.94
MANHOURS - NONFERROUS METAL INDUSTRIES	MMFDR295.98
MANHOURS - METAL FABRICATING INDST	MMFDR301.09
MANHOURS - TEXTILE INDUSTRIES	MMFND181.89
MANHOURS - PAPER & ALLIED INDST	MMEND271.74
MANHOURS - PETROLEUM & COAL PROD INDST	MMEND365.69
MANHOURS - CHEMICAL & CHEMICAL PROD INDST	MMEND372.79
MANHOURS - NON METAL MINING (EX COAL) INDST	MMINM71.87
DUMMY VARIABLE - FINAL DEMAND PRICE SECTOR	PFDUM6170
EXPORT PRICE - AGRICULTURAL COMMODITIES - WORLD	PTE.CA.AGRW
IMPORT PRICE - PULP - WORLD	PTM.CA.CHEMW
IMPORT PRICE - CHEMICALS - WORLD	PTM.CA.COALW
IMPORT PRICE - COAL - WORLD	PTM.CA.FUPTW
IMPORT PRICE - FUEL PROD - WORLD	PTM.CA.INMAW
IMPORT PRICE - INDUSTRIAL MACHINERY - WORLD	PTM.CA.IRASW
IMPORT PRICE - IRON & STEEL - WORLD	PTM.CA.MCMFRW
IMPORT PRICE - MISC MANUFACTURED GOODS	PTM.CA.METALW
IMPORT PRICE - METALS - WORLD	PTM.CA.WTRVEHW
IMPORT PRICE - MOTOR VEHICLES - WORLD	

IMPORT PRICE - NONFERROUS METALS - WORLD
 IMPORT PRICE - CRUDE PETROLEUM - WORLD
 IMPORT PRICE - TEXTILES & MATERIALS - WORLD
 IMPORT PRICE - TRANSPORT EQUIPMENT - WORLD
 DWELLING UNIT STOCK, END OF YEAR, TOTAL
 USER COST OF CAPITAL, RESIDENTIAL, WEIGHTED
 WAGEBILL - AGRICULTURE, FISH & TRAPPING
 WAGEBILL - COMMUNICATION & TRANSPORTATION
 WAGEBILL - FIN INS & REAL ESTATE INDST
 WAGEBILL - FORESTRY INDUSTRIES
 WAGEBILL - WOOD INDUSTRIES
 WAGEBILL - FURNITURE & FIXTURE INDST
 WAGEBILL - MACHINERY (EX ELEC MACH) INDST
 WAGEBILL - NON AUTO TRANSP EQUIP INDST
 WAGEBILL - MOTOR VEHICLE INDST (EX PARTS & ACC)
 WAGEBILL - MOTOR VEHICLE PARTS & ACC INDST
 WAGEBILL - ELECTRICAL PROD INDST
 WAGEBILL - NON METALLIC MINERAL PROD INDST
 WAGEBILL - FOOD & BEVERAGE INDST
 WAGEBILL - TOBACCO PRODUCTS INDST
 WAGEBILL - RUBBER & PLASTIC PROD INDST
 WAGEBILL - LEATHER INDUSTRIES
 WAGEBILL - KNITTING & CLOTHING MILLS INDST
 WAGEBILL - PRINTING, PUBLISH & ALLIED INDST
 WAGEBILL - MISC MANUFACTURING INDST
 WAGEBILL - COAL MINING INDUSTRIES
 WAGEBILL - SERVICES
 WAGEBILL - WHOLESALE & RETAIL TRADE INDST
 AVE HRLY EARN - CONSTRUCTION
 AVE HRLY EARN - IRON & STEEL INDST
 AVE HRLY EARN - NONFERROUS METAL INDST
 AVE HRLY EARN - METAL FABRICATING INDST
 AVE HRLY EARN - TEXTILE INDST
 AVE HRLY EARN - PAPER & ALLIED INDST
 AVE HRLY EARN - PETROLEUM & COAL PROD INDST
 AVE HRLY EARN - CHEMICAL & CHEMICAL PROD INDST
 AVE HRLY EARN - NON METAL MINING (EX COAL) INDST
 RDP, AGRICULTURE, FISH & TRAP INDST
 RDP, CONSTRUCTION INDST
 RDP, COMMUNICATION INDST
 RDP, FIN INS & REAL ESTATE INDST
 RDP, FORESTRY INDUSTRIES
 RDP, HOSPITALS
 RDP, PUBLIC ADMINISTRATION (INCL DEF), TOTAL
 RDP, PUBLIC ADMINISTRATION, FEDERAL TOTAL
 RDP, PUBLIC ADMINISTRATION, FED DEF
 RDP, PUBLIC ADMINISTRATION, FED NONDEF
 RDP, PUBLIC ADMINISTRATION, LOCAL GOVT
 RDP, PUBLIC ADMINISTRATION, PROVINCIAL GOVT
 RDP, PRIMARY, SECONDARY & NON UNIV POST SEC ED
 INDIRECT BUSINESS TAX - COMMODITIES
 INDIRECT BUSINESS TAX - NONCOMMODITIES
 RDP, MANUFACTURING TOTAL
 RDP, MANUFACTURING, DURABLES, TOTAL
 RDP, WOOD INDUSTRIES
 RDP, FURNITURE & FIXTURE INDST
 RDP, IRON & STEEL INDST
 RDP, PRIMARY METAL INDST
 RDP, NONFERROUS METAL INDST
 RDP, METAL FABRICATING INDST
 RDP, MACHINERY (EX ELEC MACH) INDST
 RDP, NON AUTO TRANSPORT EQUIP INDST

PTM.CA.NOFRW
 PTM.CA.PETOW
 PTM.CA.TEXMW
 PTM.CA.TRANSPW
 RTST
 RUCW
 WBAGFT1.21+41.7
 WBCOMMM+TRSP
 WBFIRE701.37
 WBFSTV31.9
 WBMFOR251.59
 WBMFOR261.08
 WBMFOR311.08
 WBMFOR321+326.9
 WBMFOR323.24
 WBMFOR325
 WBMFOR331.39
 WBMFOR351.59
 WBMFND101.09
 WBMFND151.53
 WBMFND162.65
 WBMFND172.79
 WBMFND231.49
 WBMFND286.89
 WBMFND391.99
 WBMICL61
 WBSV
 WBTAD602.99
 WCNST
 WMFDR291.94
 WMFDR295.98
 WMFDR301.09
 WMFND181.89
 WMFND271.74
 WMFND365.69
 WMFND372.79
 WMIN71.87
 XAGFT1.21+41.7
 XCNST444.21
 XCOM543.46
 XEIRE701.37
 XFTI31.9
 XGOSP821
 XGPA502.51
 XGPAF902.09
 XGPAF902
 XGPAFND909
 XGPAF951
 XGPAF931
 XGPSED
 XIBTCD\$
 XIBTNCDS
 XMF
 XMFDR251.59
 XMFDR261.68
 XMFDR291.94
 XMFDR291.98
 XMFDR295.98
 XMFDR301.09
 XMFDR311.18
 XMFDR321+26.9

XMEDR321.29
XMEDR323.24
XMEDR325
XMEDR331.39
XMEDR351.59
XMEND
XMEND101.09
XMEND151.53
XMEND162.65
XMEND172.79
XMEND181.89
XMEND231.49
XMEND271.74
XMEND286.89
XMEND365.69
XMEND372.79
XMEND391.99
XMI
XMICL61
XMICF64+96.9
XMINM51.9
XMINM71.87
XRDP
XRENTOOD
XSVCN
XSVCN
XSVHGED806
XTRAD602.99
XTRSP501.27
XUTIL572.79

PXDUMMY61
PXDUMMY66
PXDUMMY69
PXDUMMY73
PXDUMMY74

RD, TRANSPORTATION EQUIP INDST
RD, MOTOR VEHICLE INDST (EX PARTS & ACC)
RD, MOTOR VEHICLE PARTS & ACC INDST
RD, ELECTRICAL PROD INDST
RD, NON METALLIC MINERAL PROD INDST
RD, MANUFACTURING, NONDURABLES, TOTAL
RD, FOOD & BEVERAGE INDST
RD, TOBACCO PRODUCTS INDST
RD, RUBBER & PLASTIC PROD INDST
RD, LEATHER INDUSTRIES
RD, TEXTILE INDUSTRIES
RD, KNITTING MILLS & CLOTHING INDST
RD, PAPER & ALLIED INDST
RD, PRINTING, PUBLISH & ALLIED INDST
RD, PETROLEUM & COAL PROD INDST
RD, CHEMICAL & CHEMICAL PROD INDST
RD, MISC MANUFACTURING INDST
RD, MINING TOTAL
RD, COAL MINING INDST
RD, CRD PET NAIL GAS & SRVS INCID TO MINING INDST
RD, METAL MINING INDUSTRIES
RD, NON METAL MINING (EX COAL) INDST
RD, REAL DOMESTIC PRODUCT, TOTAL ECONOMY
RD, OWNER OCCUPIED DWELLINGS
RD, COMMERCIAL SERVICES INDST
RD, OTHER NONCOMMERCIAL SERVICES INDST
RD, COLLEGE & UNIVERSITY EDUCATION
RD, WHOLESALE & RETAIL TRADE INDST
RD, TRANSPORTATION INDST
RD, UTILITY INDUSTRIES

VARIABLES EXOGENOUS TO THE GROSS DOMESTIC PRODUCT BLOCK

DUMMY VARIABLE - SECTOR DEFLATOR, RDP BLOCK
DUMMY VARIABLE - SECTOR DEFLATOR, RDP BLOCK
DUMMY VARIABLE - SECTOR DEFLATOR, RDP BLOCK
DUMMY VARIABLE - SECTOR DEFLATOR, RDP BLOCK
DUMMY VARIABLE - SECTOR DEFLATOR, RDP BLOCK

VARIABLES ENDOGENOUS TO THE GROSS DOMESTIC PRODUCT BLOCK (BOTH BEHAVIOURAL & IDENTITIES)

SECTOR DEFLATOR,	AGRICULTURE, FISH & TRAP INDST	PXAGFT1.21+41.7	B
SECTOR DEFLATOR,	FORESTRY INDUSTRIES	PFSTV31.9	B
SECTOR DEFLATOR,	COAL MINING INDST	PXICL61	B
SECTOR DEFLATOR,	CRD PET, NATL GAS & SRVS INCID TO MIN INDST	PXMICP64+96.9	B
SECTOR DEFLATOR,	METAL MINING INDST	PXMIMM51.9	B
SECTOR DEFLATOR,	NONMETAL MINING (EX COAL) INDST	PXMINM71.87	B
SECTOR DEFLATOR,	WOOD INDST	PXMFDR251.59	B
SECTOR DEFLATOR,	FURNITURE & FIXTURE INDST	PXMFDR261.68	B
SECTOR DEFLATOR,	IRON & STEEL INDST	PXMFDR291.94	B
SECTOR DEFLATOR,	NONFERROUS METAL INDST	PXMFDR295.98	B
SECTOR DEFLATOR,	METAL FABRICATING INDST	PXMFDR301.09	B
SECTOR DEFLATOR,	MACHINERY (EX ELEC MACH) INDST	PXMFDR311.18	B
SECTOR DEFLATOR,	NONAUTO TRANSPORT EQUIP INDST	PXMFDR321+26.9	B
SECTOR DEFLATOR,	MOTOR VEHICLE INDST (EX PARTS & ACC)	PXMFDR323.24	B
SECTOR DEFLATOR,	MOTOR VEHICLE PARTS & ACC INDST	PXMFDR325	B
SECTOR DEFLATOR,	ELECTRICAL PROD INDST	PXMFDR331.39	B
SECTOR DEFLATOR,	NONMETALLIC MINERAL PROD INDST	PXMFDR351.59	B
SECTOR DEFLATOR,	FOOD & BEVERAGE INDST	PXMFND101.09	B
SECTOR DEFLATOR,	TOBACCO PROD INDST	PXMFND151.53	B
SECTOR DEFLATOR,	RUBBER & PLASTIC PROD INDST	PXMFND162.65	B
SECTOR DEFLATOR,	LEATHER INDST	PXMFND172.79	B
SECTOR DEFLATOR,	TEXTILE INDST	PXMFND181.89	B
SECTOR DEFLATOR,	KNITTING MILLS & CLOTHING INDST	PXMFND231.49	B
SECTOR DEFLATOR,	PAPER & ALLIED INDST	PXMFND271.74	B
SECTOR DEFLATOR,	PRINTING, PUBLISH & ALLIED INDST	PXMFND286.89	B
SECTOR DEFLATOR,	PETROLEUM & COAL PROD INDST	PXMFND365.69	B
SECTOR DEFLATOR,	CHEMICAL & CHEMICAL PROD INDST	PXMFND372.79	B
SECTOR DEFLATOR,	MISC MANUFACTURING INDST	PXMFND391.99	B
SECTOR DEFLATOR,	CONSTRUCTION INDST	PXCNST404.21	B
SECTOR DEFLATOR,	TRANSPORTATION INDST	PXTRSP501.27	B
SECTOR DEFLATOR,	COMMUNICATION INDUSTRIES	PXCOMM543.48	B
SECTOR DEFLATOR,	FIN INS & REAL ESTATE INDST	PXFINRE701.37	B
SECTOR DEFLATOR,	OWNER OCCUPIED DWELLINGS	PXRENTOOD	B
SECTOR DEFLATOR,	UTILITY INDUSTRIES	PXUTIL572.79	B
SECTOR DEFLATOR,	WHOLESALE & RETAIL TRADE INDST	PXTRAD602.99	B
SECTOR DEFLATOR,	COMMERCIAL SERVICES INDST	PXSVCN	B
SECTOR DEFLATOR,	OTHER NONCOMMERCIAL SERVICES INDST	PXSVMC	B
SECTOR DEFLATOR,	COLLEGE & UNIVERSITY EDUC	PXSVMHED806	B
SECTOR DEFLATOR,	PRIMARY, SECONDARY & NONUNIV POST SEC ED	PXGSPED	B
SECTOR DEFLATOR,	HOSPITALS	PXGHOSP821	B
SECTOR DEFLATOR,	PUBLIC ADMINISTRATION, FED DEF	PXGPAFD9021	B
SECTOR DEFLATOR,	PUBLIC ADMINISTRATION, FED NONDEF	PXGPAFND909	B
SECTOR DEFLATOR,	PUBLIC ADMINISTRATION, LOCAL GOVT	PXGPAL951	B
SECTOR DEFLATOR,	PUBLIC ADMINISTRATION, PROV GOVT	PXGPAP931	B
GDP, AGRICULTURE, FISH & TRAP INDST		PXAGFT1.21+41.7	B
GDP, FORESTRY INDUSTRIES		PFSTV31.9	B
GDP, COAL MINING INDUSTRIES		PXICL61	B
GDP, CRD PET NATL GAS & SRVS INCID TO MIN INDST		PXMICP64+96.9	B
GDP, METAL MINING INDUSTRIES		PXMIMM51.9	B
GDP, NONMETAL MINING (EX COAL) INDST		PXMINM71.87	B
GDP, WOOD INDUSTRIES		PXMFDR251.59	B
GDP, FURNITURE & FIXTURE INDST		PXMFDR261.68	B
GDP, IRON & STEEL INDUSTRIES		PXMFDR291.94	B
		PXMFDR295.98	B
		PXMFDR301.09	B
		PXMFDR311.18	B
		PXMFDR321+26.9	B
		PXMFDR323.24	B
		PXMFDR325	B
		PXMFDR331.39	B
		PXMFDR351.59	B
		PXMFND101.09	B
		PXMFND151.53	B
		PXMFND162.65	B
		PXMFND172.79	B
		PXMFND181.89	B
		PXMFND231.49	B
		PXMFND271.74	B
		PXMFND286.89	B
		PXMFND365.69	B
		PXMFND372.79	B
		PXMFND391.99	B
		PXCNST404.21	B
		PXTRSP501.27	B
		PXCOMM543.48	B
		PXFINRE701.37	B
		PXRENTOOD	B
		PXUTIL572.79	B
		PXTRAD602.99	B
		PXSVCN	B
		PXSVMC	B
		PXSVMHED806	B
		PXGSPED	B
		PXGHOSP821	B
		PXGPAFD9021	B
		PXGPAFND909	B
		PXGPAL951	B
		PXGPAP931	B
		PXAGFT1.21+41.7	B
		PFSTV31.9	B
		PXICL61	B
		PXMICP64+96.9	B
		PXMIMM51.9	B
		PXMINM71.87	B
		PXMFDR251.59	B
		PXMFDR261.68	B
		PXMFDR291.94	B
		PXMFDR295.98	B
		PXMFDR301.09	B
		PXMFDR311.18	B
		PXMFDR321+26.9	B
		PXMFDR323.24	B
		PXMFDR325	B
		PXMFDR331.39	B
		PXMFDR351.59	B
		PXMFND101.09	B
		PXMFND151.53	B
		PXMFND162.65	B
		PXMFND172.79	B
		PXMFND181.89	B
		PXMFND231.49	B
		PXMFND271.74	B
		PXMFND286.89	B
		PXMFND365.69	B
		PXMFND372.79	B
		PXMFND391.99	B
		PXCNST404.21	B
		PXTRSP501.27	B
		PXCOMM543.48	B
		PXFINRE701.37	B
		PXRENTOOD	B
		PXUTIL572.79	B
		PXTRAD602.99	B
		PXSVCN	B
		PXSVMC	B
		PXSVMHED806	B
		PXGSPED	B
		PXGHOSP821	B
		PXGPAFD9021	B
		PXGPAFND909	B
		PXGPAL951	B
		PXGPAP931	B
		PXAGFT1.21+41.7	B
		PFSTV31.9	B
		PXICL61	B
		PXMICP64+96.9	B
		PXMIMM51.9	B
		PXMINM71.87	B
		PXMFDR251.59	B
		PXMFDR261.68	B
		PXMFDR291.94	B
		PXMFDR295.98	B
		PXMFDR301.09	B
		PXMFDR311.18	B
		PXMFDR321+26.9	B
		PXMFDR323.24	B
		PXMFDR325	B
		PXMFDR331.39	B
		PXMFDR351.59	B
		PXMFND101.09	B
		PXMFND151.53	B
		PXMFND162.65	B
		PXMFND172.79	B
		PXMFND181.89	B
		PXMFND231.49	B
		PXMFND271.74	B
		PXMFND286.89	B
		PXMFND365.69	B
		PXMFND372.79	B
		PXMFND391.99	B
		PXCNST404.21	B
		PXTRSP501.27	B
		PXCOMM543.48	B
		PXFINRE701.37	B
		PXRENTOOD	B
		PXUTIL572.79	B
		PXTRAD602.99	B
		PXSVCN	B
		PXSVMC	B
		PXSVMHED806	B
		PXGSPED	B
		PXGHOSP821	B
		PXGPAFD9021	B
		PXGPAFND909	B
		PXGPAL951	B
		PXGPAP931	B
		PXAGFT1.21+41.7	B
		PFSTV31.9	B
		PXICL61	B
		PXMICP64+96.9	B
		PXMIMM51.9	B
		PXMINM71.87	B
		PXMFDR251.59	B
		PXMFDR261.68	B
		PXMFDR291.94	B
		PXMFDR295.98	B
		PXMFDR301.09	B
		PXMFDR311.18	B
		PXMFDR321+26.9	B
		PXMFDR323.24	B
		PXMFDR325	B
		PXMFDR331.39	B
		PXMFDR351.59	B
		PXMFND101.09	B
		PXMFND151.53	B
		PXMFND162.65	B
		PXMFND172.79	B
		PXMFND181.89	B
		PXMFND231.49	B
		PXMFND271.74	B
		PXMFND286.89	B
		PXMFND365.69	B
		PXMFND372.79	B
		PXMFND391.99	B
		PXCNST404.21	B
		PXTRSP501.27	B
		PXCOMM543.48	B
		PXFINRE701.37	B
		PXRENTOOD	B
		PXUTIL572.79	B
		PXTRAD602.99	B
		PXSVCN	B
		PXSVMC	B
		PXSVMHED806	B
		PXGSPED	B
		PXGHOSP821	B
		PXGPAFD9021	B
		PXGPAFND909	B
		PXGPAL951	B
		PXGPAP931	B
		PXAGFT1.21+41.7	B
		PFSTV31.9	B
		PXICL61	B
		PXMICP64+96.9	B
		PXMIMM51.9	B
		PXMINM71.87	B
		PXMFDR251.59	B
		PXMFDR261.68	B
		PXMFDR291.94	B
		PXMFDR295.98	B
		PXMFDR301.09	B
		PXMFDR311.18	B
		PXMFDR321+26.9	B
		PXMFDR323.24	B
		PXMFDR325	B
		PXMFDR331.39	B
		PXMFDR351.59	B
		PXMFND101.09	B
		PXMFND151.53	B
		PXMFND162.65	B
		PXMFND172.79	B
		PXMFND181.89	B
		PXMFND231.49	B
		PXMFND271.74	B
		PXMFND286.89	B
		PXMFND365.69	B
		PXMFND372.79	B
		PXMFND391.99	B
		PXCNST404.21	B
		PXTRSP501.27	B
		PXCOMM543.48	B
		PXFINRE701.37	B
		PXRENTOOD	B
		PXUTIL572.79	B
		PXTRAD602.99	B
		PXSVCN	B
		PXSVMC	B
		PXSVMHED806	B
		PXGSPED	B
		PXGHOSP821	B
		PXGPAFD9021	B
		PXGPAFND909	B
		PXGPAL951	B
		PXGPAP931	B
		PXAGFT1.21+41.7	B
		PFSTV31.9	B
		PXICL61	B
		PXMICP64+96.9	B
		PXMIMM51.9	B
		PXMINM71.87	B
		PXMFDR251.59	B
		PXMFDR261.68	B
		PXMFDR291.94	B
		PXMFDR295.98	B
		PXMFDR301.09	B
		PXMFDR311.18	B
		PXMFDR321+26.9	B
		PXMFDR323.24	B
		PXMFDR325	B
		PXMFDR331.39	B
		PXMFDR351.59	B
		PXMFND101.09	B
		PXMFND151.53	B
		PXMFND162.65	B
		PXMFND172.79	B
		PXMFND181.89	B
		PXMFND231.49	B
		PXMFND271.74	B
		PXMFND286.89	B
		PXMFND365.69	B
		PXMFND372.79	B
		PXMFND391.99	B
		PXCNST404.21	B
		PXTRSP501.27	B
		PXCOMM543.48	B
		PXFINRE701.37	B
		PXRENTOOD	B
		PXUTIL572.79	B
		PXTRAD602.99	B
		PXSVCN	B
		PXSVMC	B
		PXSVMHED806	B
		PXGSPED	B
		PXGHOSP821	B
		PXGPAFD9021	B
		PXGPAFND909	B
		PXGPAL951	B
		PXGPAP931	B
		PXAGFT1.21+41.7	B
		PFSTV31.9	B
		PXICL61	B
		PXMICP64+96.9	B
		PXMIMM51.9	B
		PXMINM71.87	B
		PXMFDR251.59	B
		PXMFDR261.68	B
		PXMFDR291.94	B
		PXMFDR295.98	B
		PXMFDR301.09	B
		PXMFDR311.18	B
		PXMFDR321+26.9	B
		PXMFDR323.24	B
		PXMFDR325	B
		PXMFDR331.39	B
		PXMFDR351.59	B
		PXMFND101.09	B
		PXMFND151.53	B
		PXMFND162.65	B
		PXMFND172.79	B
		PXMFND181.89	B
		PXMFND231.49	B
		PXMFND271.74	B
		PXMFND286.89	B
		PXMFND365.69	B
		PXMFND372.79	B
		PXMFND391.99	B
		PXCNST404.21	B
		PXTRSP501.27	B
		PXCOMM543.48	B
		PXFINRE701.37	B
		PXRENTOOD	B
		PXUTIL572.79	B
		PXTRAD602.99	B
		PXSVCN	B
		PXSVMC	B
		PXSVMHED806	B
		PXGSPED	B
		PXGHOSP821	B
		PXGPAFD9021	B
		PXGPAFND909	B
		PXGPAL951	B
		PXGPAP931	B
		PXAGFT1.21+41.7	B
		PFSTV31.9	B
		PXICL61	B
		PXMICP64+96.9	B
		PXMIMM51.9	B
		PXMIN	

GDP, NONFERROUS METAL INDUSTRIES	XMFR295.98	* XMFR295.98
GDP, METAL FABRICATING INDST	XMFR301.09	* XMFR301.09
GDP, MACHINERY (EX ELEC MACH)	XMFR311.18	* XMFR311.18
GDP, NONAUTO TRANSP EQUIP INDST	XMFR321+26.9	* XMFR321+26.9
GDP, MOTOR VEHICLE PARTS & ACC	XMFR323.24	* XMFR323.24
GDP, MOTOR VEHICLE PARTS & ACC PARTS	XMFR325	* XMFR325
GDP, ELECTRICAL PROD INDST	XMFR331.39	* XMFR331.39
GDP, NONMETALLIC MINERAL PROD INDST	XMFR351.59	* XMFR351.59
GDP, FOOD & BEVERAGE INDST	XMFR401.09	* XMFR401.09
GDP, TOBACCO PRODUCTS INDST	XMFR451.53	* XMFR451.53
GDP, RUBBER & PLASTIC PROD INDST	XMFR462.65	* XMFR462.65
GDP, LEATHER INDUSTRIES	XMFR472.79	* XMFR472.79
GDP, TEXTILE INDUSTRIES	XMFR481.89	* XMFR481.89
GDP, KNOTTING MILLS & CLOTHING INDST	XMFR491.99	* XMFR491.99
GDP, PAPER & ALLIED INDST	XMFR501.27	* XMFR501.27
GDP, PRINTING, PUBLISH & ALLIED INDST	XMFR512.79	* XMFR512.79
GDP, PETROLEUM & COAL PROD INDST	XMFR521.49	* XMFR521.49
GDP, CHEMICAL & CHEMICAL PROD INDST	XMFR531.59	* XMFR531.59
GDP, MISC MANUFACTURING INDST	XMFR543.48	* XMFR543.48
GDP, CONSTRUCTION INDUSTRIES	XMFR550.27	* XMFR550.27
GDP, TRANSPORTATION INDST	XMFR561.37	* XMFR561.37
GDP, FIN INS & REAL ESTATE INDST	XMFR571.37	* XMFR571.37
GDP, OWNER OCCUPIED DWELLINGS	XMFR581.37	* XMFR581.37
GDP, UTILITY INDST	XMFR591.37	* XMFR591.37
GDP, WHOLESALE & RETAIL TRADE INDST	XMFR601.37	* XMFR601.37
GDP, COMMERCIAL SERVICES INDST	XMFR611.37	* XMFR611.37
GDP, OTHER NONCOMMERCIAL SERVICES INDST	XMFR621.37	* XMFR621.37
GDP, COLLEGE & UNIVERSITY EDUCATION	XMFR631.37	* XMFR631.37
GDP, PRIMARY, SEC & NONUNIV POST SEC ED	XMFR641.37	* XMFR641.37
GDP, HOSPITALS	XMFR651.37	* XMFR651.37
GDP, PUBLIC ADMINISTRATION, FED DEF	XMFR661.37	* XMFR661.37
GDP, PUBLIC ADMINISTRATION, LOCAL GOVT	XMFR671.37	* XMFR671.37
GDP, PUBLIC ADMINISTRATION, PROV GOVT	XMFR681.37	* XMFR681.37
GDP, PRIMARY METALS INDST	XMFR691.37	* XMFR691.37
SECTOR DEFLATOR, PRIMARY METALS INDST	XMFR701.37	* XMFR701.37
GDP, TRANSPORTATION EQUIPMENT INDST	XMFR711.37	* XMFR711.37
SECTOR DEFLATOR, TRANSP EQUIP INDST	XMFR721.37	* XMFR721.37
GDP, MANUFACTURING DURABLES, TOTAL	XMFR731.37	* XMFR731.37
SECTOR DEFLATOR, MANUFACTURING DURABLES, TOTAL	XMFR741.37	* XMFR741.37
GDP, MANUFACTURING NONDURABLES, TOTAL	XMFR751.37	* XMFR751.37
SECTOR DEFLATOR, MANUFACTURING NONDURABLES, TOTAL	XMFR761.37	* XMFR761.37
GDP, MINING, TOTAL	XMFR771.37	* XMFR771.37
SECTOR DEFLATOR, MINING, TOTAL	XMFR781.37	* XMFR781.37
GDP, PUBLIC ADMINISTRATION, FEDERAL, TOTAL	XMFR791.37	* XMFR791.37
SECTOR DEFLATOR, PUBLIC ADMIN, FEDERAL, TOTAL	XMFR801.37	* XMFR801.37
GDP, PUBLIC ADMIN (INCL DEFENCE), TOTAL	XMFR811.37	* XMFR811.37
SECTOR DEFLATOR, PUBLIC ADMIN (INCL DEFENCE), TOTAL	XMFR821.37	* XMFR821.37
GDP, GROSS DOMESTIC PRODUCT, TOTAL ECONOMY	XMFR831.37	* XMFR831.37
SECTOR DEFLATOR, GROSS DOMESTIC PRODUCT, TOTAL ECONOMY	XMFR841.37	* XMFR841.37

= XIBTCD\$ / (EIBTCD * .99992)
= XIBTNCD\$ / (EIBTNCD * .999884)
= GE.SUB\$ / (ESUB * .999611)

PXIBTCD
PXIBTNCD
PXSUB

SECTOR DEFLATOR, INDIRECT BUSINESS TAX - COMMODITIES
SECTOR DEFLATOR, INDIRECT BUSINESS TAX - NONCOMMODITIES
SECTOR DEFLATOR, SUBSIDIES

Equation No.: 2405

Name: Sector Deflator, Agriculture, Fishing and Trapping

Mnemonic: PXAGFT1.21+41.7

Period: 1954-74

PXAGFT1.21+41.7

= - .072378
(2.29)

+ .55347 PTE.CA.AGRW
(16.01)

+ .32712 PXDUMMY73
(8.25)

+ .51191 (((WBAGFT1.21+41.7 + IUCAGFTM * IKAGFTM)
(10.68) / (WBAGFT1.21+41.7(1971) + IUCAGFTM(1971)
* IKAGFTM(1971))) / (XAGFT1.21+41.7
/ XAGFT1.21+41.7(1971)))

+ sum(i=0,4)b(i) ((XAGFT1.21+41.7(-i) - XAGFT1.21+41.7(-i-1))
* 100 / XAGFT1.21+41.7(-i-1))

i	b(i)	t(i)
0	+.0025523	(2.55)
1	+.0033808	(2.88)
2	+.0036032	(2.92)
3	+.0032193	(3.19)
4	+.0022291	(2.98)

sum +.014985 (3.34)

(2,5,NONE)

$\bar{R}^2 = .991$

SEE = .0365

D.W. = 2.016

Equation No.: 2406

Name: Sector Deflator, Forestry

Mnemonic: PXFSTY31.9

Period: 1949-74

$\ln(\text{PXFSTY31.9})$

= + .92945
(3.87)

+ .95720 $\ln((\text{WBFSTY31.9} / \text{XFSTY31.9})$
(12.06) $/ (\text{WBSTY31.9}(1971) / \text{XFSTY31.9}(1971)))$

- .12952 $\ln(\text{XFSTY31.9})$
(3.29)

$\bar{R}^2 = .854$

SEE = .0530

D.W. = 1.805

Equation No.: 2407

Name: Sector Deflator, Coal

Mnemonic: PXMICL61

Period: 1957-74

$\ln(\text{PXMICL61})$

= + .99497
(3.19)

+ .10028 $\ln((\text{WBMICL61} / \text{XMICL61}) / (\text{WBMICL61}(1971) / \text{XMICL61}(1971)))$
(1.54)

- .13893 $\ln(\text{XMICL61})$
(2.14)

+ .25571 $\ln(\text{IUCMICLM61})$
(3.67)

+ .59951 $\ln(\text{PTM.CA.COALW})$
(8.62)

$\bar{R}^2 = .964$

SEE = .0413

D.W. = 2.697

Equation No.: 2408

Name: Sector Deflator, Petroleum, Gas and Mining Services

Mnemonic: PXMICP64+96.9

Period: 1958-74

(PXMICP64+96.9 - PXMICP64+96.9(-1)) * 100 / PXMICP64+96.9(-1)

= + sum(i=0,2)b(i) ((IUCMIPM64+96.9(-i) - IUCMIPM64+96.9(-i-1))
* 100 / IUCMIPM64+96.9(-i-1))

+ sum(i=0,2)c(i) ((PTM.CA.PETOW(-i) - PTM.CA.PETOW(-i-1))
* 100 / PTM.CA.PETOW(-i-1))

i	b(i)	t(i)	c(i)	t(i)
0	+.16125	(1.33)	+.25387	(10.43)
1	+.10509	(1.54)	+.17947	(3.23)
2	+.048933	(0.39)	+.10506	(0.87)
sum	+.31527	(1.54)	+.53840	(3.23)
	(1,3,NONE)		(1,3,NONE)	

$\bar{R}^2 = .919$

SEE = 4.423

D.W. = 2.235

Equation No.: 2409

Name: Sector Deflator, Metal Mining

Mnemonic: PXMIMM51.9

Period: 1958-74

PXMIMM51.9

= + .017701
(0.25)

+ 5.95321
(13.14)

(((IUCMIMMC51.9 * IKMIMMC51.9)
+ (IUCMIMMM51.9 * IKMIMMM51.9))
/ (IKMIMMC51.9 + IKMIMMM51.9))

$\bar{R}^2 = .915$

SEE = .0759

D.W. = .866

Equation No.: 2410

Name: Sector Deflator, Nonmetal Mines and Quarries

Mnemonic: PXMINM71.87

Period: 1960-74

$\ln(\text{PXMINM71.87})$

= + .048880
(0.32)

+ .13936 $\ln(\text{WMINM71.87})$
(3.16)

- .11097 $\ln(\text{XMINM71.87} / \text{MMINM71.87})$
(1.34)

- .066034 PXDUMMY74
(1.61)

$\bar{R}^2 = .358$

SEE = 0.0339

D.W. = 1.391

Equation No.: 2411

Name: Sector Deflator, Wood Products Excluding Furniture

Mnemonic: PXMFDR251.59

Period: 1957-74

$\ln(\text{PXMFDR251.59})$

= + .096202
(3.67)

+ .34703 $\ln(\text{PXMFDR251.59}(-1))$
(1.40)

+ .68911 $\ln((\text{WBMFDR251.59} / \text{XMFDR251.59})$
(3.15) $/ (\text{WBMFDR251.59}(1971)$
 $/ \text{XMFDR251.59}(1971)))$

$\overline{R^2} = .907$

SEE = .073

D.W. = 1.753

Equation No.: 2412

Name: Sector Deflator, Furniture and Fixtures

Mnemonic: PXMFDR261.68

Period: 1957-74

$\ln(\text{PXMFDR261.68})$

= + .056648
(2.92)

+ .42089 $\ln(\text{PXMFDR261.68}(-1))$
(2.14)

+ .61758 $\ln((\text{WBMFDR261.68} / \text{XMFDR261.68})$
(4.18) $/ (\text{WBMFDR261.68}(1971)$
 $/ \text{XMFDR261.68}(1971))$

$\bar{R}^2 = .964$

SEE = .032

D.W. = 0.521

RHO = .680

Equation No.: 2413

Name: Sector Deflator, Iron and Steel

Mnemonic: PXMFD291.94

Period: 1959-74

(PXMFD291.94 - PXMFD291.94(-1)) * 100 / PXMFD291.94(-1)

= + .374265 ((WMFD291.94 - WMFD291.94(-1))
(4.59) * 100 / WMFD291.94(-1))

+ sum(i=0,1)b(i) (((XMFD291.94(-i) / MMFD291.94(-i))
- (XMFD291.94(-i-1)
/ MMFD291.94(-i-1))) * 100
/ (XMFD291.94(-i-1)
/ MMFD291.94(-i-1)))

+ sum(i=0,1)c(i) ((PTM.CA.IRASW(-i) - PTM.CA.IRASW(-i-1))
* 100 / PTM.CA.IRASW(-i-1))

i	b(i)	t(i)	c(i)	t(i)
0	-.34194	(2.99)	+.048494	(0.93)
1	+.099189	(1.05)	+.45699	(2.31)
sum	-.24275	(1.61)	+.50548	(3.21)
	(1,2,NONE)		(1,2,NONE)	

$\bar{R}^2 = .702$

SEE = 2.180

D.W. = 2.276

Equation No.: 2414

Name: Sector Deflator, Primary Nonferrous Metals

Mnemonic: PXMFDR295.98

Period: 1959-74

(PXMFDR295.98 - PXMFDR295.98(-1)) * 100 / PXMFDR295.98(-1)

= + .55484 ((WMFDR295.98 - WMFDR295.98(-1))
(1.85) * 100 / WMFDR295.98(-1))

+ sum(i=0,1)b(i) (((XMFDR295.98(-i) / MMFDR295.98(-i))
- (XMFDR295.98(-i-1)
/ MMFDR295.98(-i-1))) * 100
/ (XMFDR295.98(-i-1)
/ MMFDR295.98(-i-1)))

*ratio of change
of output per
man hour*

+ sum(i=0,2)c(i) ((PTM.CA.NOFRW(-i) - PTM.CA.NOFRW(-i-1))
* 100 / PTM.CA.NOFRW(-i-1))

i	b(i)	t(i)	c(i)	t(i)
0	-.12610	(0.37)	+.25083	(2.02)
1	-.70681	(1.72)	+.21922	(1.93)
2			+.18761	(0.85)
sum	-.83291	(1.71)	+.65766	(1.93)
	(1,2,NONE)		(1,3,NONE)	

$\bar{R}^2 = .357$

SEE = 5.887

D.W. = 1.987

Equation No.: 2415

Name: Sector Deflator, Metal Fabricating

Mnemonic: PXMFDR301.09

Period: 1959-74

(PXMFDR301.09 - PXMFDR301.09(-1)) * 100 / PXMFDR301.09(-1)

= + .48779 ((WMFDR301.09 - WMFDR301.09(-1))
(3.22) * 100 / WMFDR301.09(-1))

+ sum(i=0,1)b(i) (((XMFDR301.09(-i) / MMFDR301.09(-i))
- (XMFDR301.09(-i-1)
/ MMFDR301.09(-i-1))) * 100
/ (XMFDR301.09(-i-1)
/ MMFDR301.09(-i-1)))

+ sum(i=0,2)c(i) ((PTM.CA.METALW(-i) - PTM.CA.METALW(-i-1))
* 100 / PTM.CA.METALW(-i-1))

i	b(i)	t(i)	c(i)	t(i)
0	-.19284	(0.93)	+.20627	(6.52)
1	-.16718	(0.82)	+.13904	(2.13)
2			+.071809	(0.51)
sum	-.36002	(1.14)	+.41712	(2.13)
	(1,2,NONE)		(1,3,NONE)	

$\bar{R}^2 = .857$

SEE = 1.781

D.W. = 2.074

Equation No.: 2416

Name: Sector Deflator, Machinery

Mnemonic: PXMFDR311.18

Period: 1959-74

ln(PXMFDR311.18)

= + .028768
(1.67)

+ .65070 ln(PM.CA.INMAW)
(7.17)

+ sum(i=0,2)b(i) ln((WBMFDR311.18(-i) / XMFDR311.18(-i))
/ (WBMFDR311.18(1971)
/ XMFDR311.18(1971)))

i	b(i)	t(i)
0	+.16520	(1.12)
1	+.089629	(1.76)
2	+.014061	(0.09)

sum +.26889 (1.76)

(1,3,NONE)

$\bar{R}^2 = .947$

SEE = .029

D.W. = 0.845

Equation No.: 2417

Name: Sector Deflator, Other Transportation Equipment

Mnemonic: PXMFDR321+26.9

Period: 1957-74

$\ln(\text{PXMFDR321}+26.9)$

= - .045636
(2.91)

+ .54012 $\ln((\text{WBMFDR321}+326.9 / \text{XMFDR321}+26.9)$
(2.52) $/ (\text{WBMFDR321}+326.9(1971)$
 $/ \text{XMFDR321}+26.9(1971)))$

+ .52193 $\ln(\text{PTM.CA.TRANSPW})$
(2.22)

$\bar{R}^2 = .881$

SEE = .049

D.W. = 1.014

Equation No.: 2418

Name: Sector Deflator, Motor Vehicles

Mnemonic: PXMFDR323.24

Period: 1959-74

ln(PXMFDR323.24)

= + .028700
(1.69)

+ .41142 ln(P.TM.CA.MTRVEHW)
(1.95)

+ sum(i=0,2)b(i) ln((WBMFDR323.24(-i) / XMFDR323.24(-i))
/ (WBMFDR323.24(1971)
/ XMFDR323.24(1971)))

i	b(i)	t(i)
0	+.32922	(4.05)
1	+.25377	(8.67)
2	+.17833	(1.99)
sum	+.76132	(8.67)
(1,3,NONE)		

$\bar{R}^2 = .845$

SEE = .045

D.W. = 1.689

Equation No.: 2419

Name: Sector Deflator, Motor Vehicle Parts and Accessories

Mnemonic: PXMFDR325

Period: 1957-74

$\ln(\text{PXMFDR325})$

= + .41534
(2.34)

+ .25376 $\ln(\text{WBMFDR325} / \text{XMFDR325})$
(1.43) $/ (\text{WBMFDR325}(1971) / \text{XMFDR325}(1971))$

+ .25486 $\ln(\text{IUCMFDM325})$
(2.16)

+ .61254 $\ln(\text{PXMFDR325}(-1))$
(3.74)

$\bar{R}^2 = .934$

SEE = .059

D.W. = 1.602

Equation No.: 2420

Name: Sector Deflator, Electrical Apparatus and Supplies

Mnemonic: PXMFDR331.39

Period: 1957-74

ln(PXMFDR331.39)

= + .0064118
(0.54)

+ .55387 ln(PXMFDR331.39)(-1)
(2.24)

+ 7.97009 (ln(HMFDR331.39) - ln(HMFDR331.39(-1)))
(1.41) / ln(HMFDR331.39(-1))

+ sum(i=0,1)b(i) ln((WBMFDR331.39(-i) / XMFDR331.39(-i))
/ (WBMFDR331.39(1971)
/ XMFDR331.39(1971)))

i	b(i)	t(i)
0	+.59947	(3.33)
1	-.21868	(1.05)
sum	+.38079	(2.18)
	(1,2,NONE)	

$\bar{R}^2 = .853$

SEE = .032

D.W. = 1.394

Equation No.: 2421

Name: Sector Deflator, Nonmetallic Mineral Products

Mnemonic: PXMFDR351.59

Period: 1959-74

ln(PXMFDR351.59)

= + .18834
(2.18)

+ .52661 ln(PXMFDR351.59)(-1)
(2.31)

+ sum(i=0,2)b(i) ln((WBMFDR351.59(-i) / XMFDR351.59(-i))
/ (WBMFDR351.59(1971)
/ XMFDR351.59(1971)))

+ sum(i=0,1)c(i) ln(IUCMFDM351.9(-i))

i	b(i)	t(i)	c(i)	t(i)
0	+.081579	(1.20)	+.20563	(4.27)
1	+.088327	(2.01)	-.088604	(1.52)
2	+.095075	(1.42)		
sum	+.26498	(2.01)	+.11703	(1.98)
	(1,3,NONE)		(1,2,NONE)	

$\bar{R}^2 = .987$

SEE = .014

D.W. = 1.817

Equation No.: 2422

Name: Sector Deflator, Food and Beverages

Mnemonic: PXMFND101.09

Period: 1960-74

ln(PXMFND101.09)

= + .037520
(1.03)

+ sum(i=0,2)b(i) (ln(HMFND101.09(-i))
- ln(HMFND101.09(-i-1)))
/ (ln(HMFND101.09(-i-1)))

+ sum(i=0,2)c(i) ln((WBMFND101.09(-i) / XMFND101.09(-i))
/ (WBMFND101.09(1971)
/ XMFND101.09(1971)))

+ .74778 ln(PXMFND101.09(-1))
(3.46)

i	b(i)	t(i)	c(i)	t(i)
0	+9.60486	(1.74)	+.38914	(1.28)
1	+6.74330	(2.05)	+.090264	(1.55)
2	+3.88173	(1.07)	-.20861	(0.59)
sum	+20.22990	(2.05)	+.27079	(1.55)

(1,3,NONE)

(1,3,NONE)

$\bar{R}^2 = .982$

SEE = .0173

D.W. = 2.340

Equation No.: 2423

Name: Sector Deflator, Tobacco and Tobacco Products

Mnemonic: PXMFND151.53

Period: 1959-74

PXMFND151.53

= + .020974
(0.18)

+ .87284 IUCMFNDM151.3
(2.53)

+ sum(i=0,2)b(i) ((WBMFND151.53(-i) / XMFND151.53(-i))
/ (WBMFND151.53(1971)
/ XMFND151.53(1971)))

i	b(i)	t(i)
0	+.27029	(1.34)
1	+.24310	(4.41)
2	+.21591	(0.98)
sum	+.72930	(4.41)
(1,3,NONE)		

$\bar{R}^2 = .927$ SEE = .038 D.W. = 1.497 RHO = .337

Equation No.: 2424

Name: Sector Deflator, Rubber and Plastic Products

Mnemonic: PXMFND162.65

Period: 1959-74

PXMFND162.65

= + .14121
(1.12)

+ sum(i=0,2)b(i) ((WBMFND162.65(-i) / XMFND162.65(-i))
/ (WBMFND162.65(1971)
/ XMFND162.65(1971)))

+ sum(i=0,2)c(i) IUCMFNDM162.5(-i)

i	b(i)	t(i)	c(i)	t(i)
0	+.55121	(2.81)	+1.01576	(2.74)
1	+.20573	(4.36)	+ .26610	(2.73)
2	-.13976	(0.94)	- .48357	(1.20)
sum	+.61718	(4.36)	+ .79829	(2.73)
	(1,3,NONE)		(1,3,NONE)	

$\bar{R}^2 = .831$

SEE = .037

D.W. = 1.643

Equation No.: 2425

Name: Sector Deflator, Leather Products

Mnemonic: PXMFND172.79

Period: 1958-74

PXMFND172.79

= + .034348
(0.50)

+ .611200 PXMFND172.79(-1)
(2.66)

+ sum(i=0,1)b(i) ((WBMFND172.79(-i) / XMFND172.79(-i))
/ (WBMFND172.79(1971)
/ XMFND172.79(1971)))

i	b(i)	t(i)
0	+.74306	(2.42)
1	-.37499	(0.94)
sum	+.36807	(1.86)

(1,2,NONE)

$\bar{R}^2 = .967$

SEE = .0276

D.W. = 1.322

Equation No.: 2426

Name: Sector Deflator, Textiles

Mnemonic: PXMFND181.89

Period: 1960-74

$$\begin{aligned}
 & (PXMFND181.89 - PXMFND181.89(-1)) * 100 / PXMFND181.89(-1) \\
 = & + .74257 \quad ((WMFND181.89 / WMFND181.89(-1)) * 100 \\
 & (5.15) \quad / WMFND181.89(-1) \\
 & + \text{sum}(i=0,2)b(i) \quad (((XMFND181.89(-i) / MMFND181.89(-i)) \\
 & \quad - (XMFND181.89(-i-1) / MMFND181.89(-i-1))) \\
 & \quad * 100 / (XMFND181.89(-i-1) / MMFND181.89(-i-1))) \\
 & + \text{sum}(i=0,2)c(i) \quad ((PTM.CA.TEXMW(-i) - PTM.CA.TEXMW(-i-1)) \\
 & \quad * 100 / PTM.CA.TEXMW(-i-1))
 \end{aligned}$$

i	b(i)	t(i)	c(i)	t(i)
0	-.21939	(2.05)	+.44973	(5.09)
1	-.29817	(5.25)	+.22982	(3.31)
2	-.37695	(2.99)	+.0099049	(0.11)
sum	-.89451	(5.25)	+.68945	(3.31)
	(1,3,NONE)		(1,3,NONE)	

$\overline{R}^2 = .800$

SEE = 1.996

D.W. = 2.147

Equation No.: 2427

Name: Sector Deflator, Knitting Mills and Clothing

Mnemonic: PXMFND231.49

Period: 1958-74

ln(PXMFND231.49)

= + .018184
(1.35)

+ .54745 ln(PXMFND231.49(-1))
(2.10)

+ sum(i=0,1)b(i) ln((WBMFND231.49(-i) / XMFND231.49(-i))
/ (WBMFND231.49(1971)
/ XMFND231.49(1971)))

i	b(i)	t(i)
0	+.67545	(3.38)
1	-.23012	(0.98)

sum +.44533 (2.10)

(1,2,NONE)

$\bar{R}^2 = .974$

SEE = .022

D.W. = 1.633

Equation No.: 2428

Name: Sector Deflator, Paper Products

Mnemonic: PXMFND271.74

Period: 1961-74

((PXMFND271.74 / PXMFND271.74(-1)) - 1) * 100

= + 0.20584 (((WMFND271.74 / WMFND271.74(-1)) - 1) * 100)
(1.29)

- 0.30602 ((((XMFND271.74 / MMFND271.74) / (XMFND271.74(-1)
(1.34) / MMFND271.74(-1))) - 1) * 100)

+ 0.76546 (((PTE.CA.PULPW / PTE.CA.PULPW(-1)) - 1) * 100)
(13.18)

$\bar{R}^2 = 0.960$

SEE = 2.742

D.W. = 1.359

Equation No.: 2429

Name: Sector Deflator, Printing, Publishing and Allied

Mnemonic: PXMFND286.89

Period: 1959-74

ln(PXMFND286.89)

= + .036415
(1.61)

+ sum(i=0,2)b(i) ln((WBMFND286.89(-i) / XMFND286.89(-i))
/ (WBMFND286.89(1971)
/ XMFND286.89(1971)))

i	b(i)	t(i)
0	+.64599	(3.27)
1	+.33716	(17.08)
2	+.028328	(0.13)

sum +1.01148 (17.08)

(1,3,NONE)

$\bar{R}^2 = .963$

SEE = .032

D.W. = .751

Equation No.: 2430

Name: Sector Deflator, Petroleum and Coal Products

Mnemonic: PXMFDND365.69

Period: 1961-74

((PXMFDND365.69 / PXMFDND365.69(-1)) - 1) * 100

= + 0.53249 (((WMFDND365.69 / WMFDND365.69(-1)) - 1) * 100)
(2.69)

+ 0.39297 (((PTM.CA.FUPTW / PTM.CA.FUPTW(-1)) - 1) * 100)
(13.91)

+ sum(i=0,2)b(i) (((XMFND365.69(-i) / MMFDND365.69(-i))
/ (XMFND365.69(-i-1)
/ MMFDND365.69(-i-1))) - 1) * 100)

i	b(i)	t(i)
0	-0.69541	(5.25)
1	-0.31462	(4.63)
2	+0.06617	(0.55)
sum	-0.94386	(4.63)

(1,3,NONE)

$\bar{R}^2 = 0.969$

SEE = 2.636

D.W. = 2.603

Equation No.: 2431

Name: Sector Deflator, Chemical and Allied Products

Mnemonic: PXMFND372.79

Period: 1959-74

(PXMFND372.79 - PXMFND372.79(-1)) * 100 / PXMFND372.79(-1)

= + .34067 ((WMFND372.79 - WMFND372.79(-1))
(1.51) * 100 / WMFND372.79(-1))

+ sum(i=0,1)b(i) (((XMFND372.79(-i) / MMFND372.79(-i))
- (XMFND372.79(-i-1)
/ MMFND372.79(-i-1))) * 100
/ (XMFND372.79(-i-1) /
/ MMFND372.79(-i-1)))

+ sum(i=0,1)c(i) ((PTM.CA.CHEMW(-i) - PTM.CA.CHEMW(-i-1))
* 100 / PTM.CA.CHEMW(-i-1))

i	b(i)	t(i)	c(i)	t(i)
0	-.17847	(0.96)	+.82419	(5.84)
1	-.27025	(1.30)	-.11615	(0.30)
sum	-.44873	(2.03)	+.70804	(2.10)
	(1,2,NONE)		(1,2,NONE)	

$\bar{R}^2 = .834$

SEE = 2.517

D.W. = 2.031

Equation No.: 2432

Name: Sector Deflator, Miscellaneous Manufacturing

Mnemonic: PXMFND391.99

Period: 1957-74

$\ln(\text{PXM FND}391.99)$

= + .21606
(1.92)

+ .37331 $\ln((\text{WBM FND}391.99 / \text{XMFND}391.99)$
(2.98) $/ (\text{WBM FND}391.99(1971) / \text{XMFND}391.99(1971)))$

+ .18596 $\ln(\text{IUCMFNDM}391.9)$
(2.06)

+ .28827 $\ln(\text{PTM.CA.MCMFRW})$
(1.72)

$\bar{R}^2 = .935$

SEE = .038

D.W. = .495

Equation No.: 2433

Name: Sector Deflator, Construction

Mnemonic: PXCNST404.21

Period: 1956-74

(PXCNST404.21 - PXCNST404.21(-1)) * 100 / PXCNST404.21(-1)

= + .47390 ((WCNST - WCNST(-1)) * 100 / WCNST(-1))
(5.27)

+ .27617 (DUMMY70 * ((WCNST - WCNST(-1)) * 100
(2.40) / WCNST(-1)))

- .53954 (((XCNST404.21 / MCNST) - (XCNST404.21(-1)
(4.99) / MCNST(-1))) * 100 / (XCNST404.21(-1)
/ MCNST(-1)))

+ .24963 ((FRMC - FRMC(-1)) * 100 / FRMC(-1))
(3.20)

$\bar{R}^2 = .826$

SEE = 1.971

D.W. = 2.051

Equation No.: 2434

Name: Sector Deflator, Transportation and Storage

Mnemonic: PXTRSP501.27

Period: 1951-74

ln(PXTRSP501.27)

= + .13797
(2.32)

+ .65917 ln(PXTRSP501.27(-1))
(5.19)

+ .080463 ln(IUCTRSPM501.27)
(2.11)

+ sum(i=0,2)b(i) ln((WBCOMM+TRSP(-i) / (XTRSP501.27(-i)
+ XCOMM543.48(-i)))
/ (WBCOMM+TRSP(1971)
/ (XTRSP501.27(1971)
+ XCOMM543.48(1971))))

i	b(i)	t(i)
0	+.38422	(4.81)
1	+.085784	(1.97)
2	-.21265	(1.98)

sum +.25735 (1.97)

(1,3,NONE)

$\bar{R}^2 = .970$

SEE = .021

D.W. = 1.496

Equation No.: 2435

Name: Sector Deflator, Communications

Mnemonic: PXCOMM543.48

Period: 1953-74

ln(PXCOMM543.48)

= + .20461
(2.16)

+ .66683 ln(PXCOMM543.48)(-1)
(5.84)

+ .11455 ln(IUCCOMMM543.8)
(1.82)

+ sum(i=0,4)b(i) ln((WBCOMM+TRSP(-i) / (XCOMM543.48(-i)
+ XTRSP501.27(-i)))
/ (WBCOMM+TRSP(1971)
/ (XCOMM543.48(1971)
+ XTRSP501.27(1971))))

i	b(i)	t(i)
0	-.044920	(0.59)
1	+.00070443	(0.02)
2	+.046329	(1.48)
3	+.091953	(1.77)
4	+.13758	(1.62)
sum	+.23164	(1.48)
(1,5,NONE)		

$\bar{R}^2 = .973$

SEE = .026

D.W. = 1.956

Equation No.: 2436

Name: Sector Deflator, Finance, Insurance and Real Estate

Mnemonic: PXFIRE701.37

Period: 1951-74

ln(PXFIRE701.37)

= + .32449
(3.34)

+ sum(i=0,2)b(i) ln((WBFIRE701.37(-i) / XFIRE701.37(-i))
/ (WBFIRE701.37(1971)
/ XFIRE701.37(1971)))

+ sum(i=0,2)c(i) ln(IUCFIREC701.37(-i))

i	b(i)	t(i)	c(i)	t(i)
0	+.57605	(4.39)	-.027605	(0.65)
1	+.24838	(14.32)	+.066972	(4.07)
2	-.079302	(0.66)	+.16155	(3.93)
sum	+.74513	(14.32)	+.20092	(4.07)
	(1,3,NONE)		(1,3,NONE)	

$\overline{R}^2 = .995$

SEE = .0226

D.W. = 1.835

Equation No.: 2437

Name: Sector Deflator, Owner Occupied Dwellings

Mnemonic: PXRENTOOD

Period: 1960-74

((PXRENTOOD / PXRENTOOD(-1)) - 1) * 100
= + sum(i=0,5)b(i) (((RUCW(-i) / RUCW(-i-1)) - 1) * 100)
+ sum(i=0,2)c(i) (((RTST(-i) / RTST(-i-1)) - 1) * 100)

i	b(i)	t(i)	c(i)	t(i)
0	+ .207631	(3.35)	-.280370	(0.17)
1	+ .191318	(3.78)	-.241273	(1.07)
2	+ .175005	(3.78)	-.202177	(0.13)
3	+ .158692	(3.13)		
4	+ .142378	(2.30)		
5	+ .126065	(1.63)		
sum	+1.00109	(3.52)	-.723820	(1.07)
	(1,6,NONE)		(1,3,NONE)	

$\bar{R}^2 = .512$

SEE = 2.577

D.W. = 2.160

Equation No.: 2438

Name: Sector Deflator, Electrical Power, Gas and Water

Mnemonic: PXUTIL572.79

Period: 1962-74

ln(PXUTIL572.79)

= - .33166
(0.52)

+ sum(i=3,7)b(i) ln(((IUCUTILC572.9(-i) * IKUTILC572.9(-i))
+ (IUCUTILM572.9(-i) * IKUTILM572.9(-i)))
/ (IKUTILC572.9(-i) + IKUTILM572.9(-i)))

+ sum(i=0,2)c(i) ln((XUTIL572.79(-i) / (IKUTILC572.9(-i)
+ IKUTILM572.9(-i))))

i	b(i)	t(i)	c(i)	t(i)
0			-1.33151	(3.76)
1			- .22386	(1.68)
2			+ .88380	(2.82)
3	+.15173	(4.36)		
4	+.13056	(4.95)		
5	+.10939	(4.23)		
6	+.088214	(2.63)		
7	+.067042	(1.47)		
sum	+.54692	(4.23)	-.67157	(1.68)
	(1,5,NONE)		(1,3,NONE)	

$\bar{R}^2 = .954$

SEE = .0155

D.W. = 2.243

Equation No.: 2439

Name: Sector Deflator, Wholesale and Retail Trade

Mnemonic: PXTRAD602.99

Period: 1959-74

((PXTRAD602.99 / PXTRAD602.99(-1)) - 1) * 100

= - 1.80324 PFDUM6170
(3.06)

+ sum(i=0,1)b(i) (((WBTRAD602.99(-i) / XTRAD602.99(-i))
/ (WBTRAD602.99(-i-1) / XTRAD602.99(-i-1)))
- 1) * 100)

+ sum(i=0,5)c(i) (((XTRAD602.99 / XTRAD602.99(-1)) - 1) * 100)

i	b(i)	t(i)	c(i)	t(i)
0	+.740276	(6.10)	+.304522	(6.00)
1	+.279506	(1.90)	+.180665	(5.31)
2			+.0568088	(2.27)
3			-.0670478	(2.14)
4			-.190904	(4.04)
5			-.314761	(4.76)

sum +1.01978 (6.48) -.0307170 (0.19)

(1,2,NONE)

(1,6,NONE)

$\bar{R}^2 = .884$

SEE = 1.1767

D.W. = 1.881

Equation No.: 2440

Name: Sector Deflator, Commercial, Business and Personal Services

Mnemonic: PXSVCM

Period: 1952-74

PXSVCM

= + .15957
(3.53)

+ sum(i=0,2)b(i) ((WBSV(-i) / XSVCM(-i)) / (WBSV(1971)
/ XSVCM(1971)))

+ sum(i=0,2)c(i) (((XSVCM(-i) - XSVCM(-i-1)) / XSVCM(-i-1))
* 100)

i	b(i)	t(i)	c(i)	t(i)
0	+.83938	(4.04)	+.0044138	(2.08)
1	+.27866	(11.79)	+.0038534	(2.43)
2	-.28207	(1.22)	+.0032930	(1.62)

sum	+.83597	(11.79)	+.011560	(2.43)
	(1,3,NONE)		(1,3,NONE)	

$\bar{R}^2 = .972$ SEE = .041 D.W. = 0.235 RHO = .865

Equation No.: 2441

Name: Sector Deflator, Other Noncommercial Services

Mnemonic: PXSVNC

Period: 1953-74

$((\text{PXSVNC} / \text{PXSVNC}(-1)) - 1) * 100$

= + 0.93712 (((CPI / CPI(-1)) - 1) * 100)
 (9.23)

+ 7.41953 1 / DURATE
 (4.03)

$\bar{R}^2 = 0.741$

SEE = 1.307

D.W. = 1.348

Equation No.: 2442

Name: Sector Deflator, Universities and Colleges

Mnemonic: PXSVHGED806

Period: 1962-74

((PXSVHGED806 / PXSVHGED806(-1)) - 1) * 100)

= + 0.85460 ((CPI / CPI(-1)) - 1) * 100)
(4.89)

+ 13.0054 1 / DMURATE25.54
(3.83)

$\bar{R}^2 = 0.670$

SEE = 1.574

D.W. = 1.542

Equation No.: 2443

Name: Sector Deflator, Primary, Secondary, and Nonuniversity
Education

Mnemonic: PXGPSED

Period: 1954-74

(PXGPSED - PXGPSED(-1)) * 100 / PXGPSED(-1)

= + 4.64347
(5.16)

+ 7.37245 PXDUMMY61
(2.64)

+ sum(i=0,1)b(i) .CPIE(-i)

i	b(i)	t(i)
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0	+ .57369	(1.41)
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1	+ .43959	(0.93)
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sum	+1.01328	(3.63)
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(1,2,NONE)

$\bar{R}^2 = .471$

SEE = 2.238

D.W. = .938

Equation No.: 2444

Name: Sector Deflator, Hospitals

Mnemonic: PXGHOSP821

Period: 1953-74

$((\text{PXGHOSP821} - \text{PXGHOSP821}(-1)) * 100 / \text{PXGHOSP821}(-1)) - .\text{CPIE}$

$= + 4.35086$
(8.18)

$+ 6.10198$ PXDUMMY61
(2.45)

$\bar{R}^2 = .192$

SEE = 2.437

D.W. = 1.632

ANOTHER PLASTITAB PRODUCT BY LOWE-MARTIN COMPANY INC

PRICES AT THE FINAL DEMAND LEVEL
INCLUDING THE NOMINAL VALUES FOR
FINAL DEMAND

Price conversion is the dual of final demand conversion. Final demand conversion uses Statistics Canada input-output tables to derive estimates of Real Domestic Product by industry, given a GNE expenditure vector. Price conversion is the mirror image of this problem. Here industry level price detail is converted to a final demand framework. Final demand prices are influenced among other things by (1) domestic industry prices, (2) import prices, (3) the exchange rate, (4) the import content of total supply, (5) commodity and noncommodity indirect taxes, (6) subsidies, (7) the direct and indirect content of industrial commodity supply and (8) the commodity composition of any given expenditure category. The procedure outlined below produces a set of pseudo final demand prices associated with consumption goods, investment goods, inventory goods, and government purchases of goods and services. These pseudo final demand prices are regressed on observed National Accounts data to produce estimates of the price deflators associated with the GNE expenditure vector at the disaggregated level.

During the price conversion process, several steps take place. First, domestic and foreign prices are weighted

using the Make and Use Matrices, and 1971 estimates of the import content of domestic supply. From this we obtain estimates of the price level of delivered commodities whether produced domestically or imported. The supply price is a weighted average of domestic and foreign prices, where the weights are influenced by both the direct and indirect content of commodity supply plus the import content. To accomplish this step, we assign import prices (denominated in Canadian dollars) to each of the 48 categories recorded in Table 1. These price assignments require a reweighting of some, but not all, of the import prices associated with the import vector (final demand side of the model).

The exchange rate influences final demand prices via the following route. Import and export prices in U.S. dollars are exogenous. The Canadian dollar equivalents are determined by applying the exchange rate to these exogenous indicators. Variations in the exchange rate influence final demand prices during the first step of price conversion. In weighting domestic and foreign prices to obtain an estimate of the price level associated with delivered commodities, whether produced domestically or imported, we use the Canadian dollar equivalent of the exogenous U.S. dollar import price. One should be careful in interpreting results obtained from CANDIDE Model 2.0 because this method of introducing the exchange rate assumes immediate and full pass through in any given year.

Domestic prices are available from the industry price block. Let us review the three underlying influences present here. The prices associated with the various industries recorded in Table 1 can be divided into three sub-groups. Industries 1 through 36 (the commercial sector) are sensitive to money wage rates, productivity, unit capital cost, import prices, and capacity pressure variables. Prices associated with industries 37 through 44 (noncommercial and public administration) are in fact indices of wage rates. These prices are sensitive to price expectations and labour market tightness. The prices associated with industries 46 through 48 are indices of commodity indirect taxes, noncommodity indirect taxes, subsidies and the valuation of the base upon which these taxes and subsidies are levied.

Let us review the way in which these latter three indicators (46-48) are constructed. To do this we pull together bits and pieces of the model's structure from output conversion, price conversion and the indirect tax and subsidy equations yet to be discussed. In Table 1, there are three rows (46 through 48) associated with commodity taxes, noncommodity taxes and subsidies. As previously outlined the constant dollar value of commodity indirect taxes, noncommodity indirect taxes and subsidies is the byproduct of output conversion. Assuming both tax rates and prices invariant from 1971 levels, the resulting

indices track the time profile of tax collections over the sample period for volume movements only. These time series then became the denominators of three identities whose numerators are derived in the government expenditure and revenue blocks of the model. The output of these identities tracks the implied movements of indirect tax rates and changes in base valuation (price levels) through time. If tax rates are varied, the implied increase in nominal collections would increase the level of these indices. One should be aware that subsidies enter with a negative weight in price conversion. As a result the effect of increasing subsidies will depress commodity prices during this step of the calculation. These indices are used during the first step of price conversion in which domestic and foreign prices are weighted to produce price deflators associated with total commodity supply.

Once the price level associated with delivered commodities, whether produced domestically or imported, is on hand, various indirect taxes are levied. These include the manufacturers' sales tax on consumer goods, machinery and equipment, and construction materials. This new set of prices is then passed through the final demand Bridge matrix (which contains information on the commodity composition of final demand). At this point a new set of prices emerges. This new set of prices can be interpreted as pseudo final

demand prices net of provincial sales, gasoline, alcohol, and cigarette taxes. The provincial sales taxes, both value and volume (gasoline, alcohol and cigarettes), are then levied and a set of pseudo final demand prices emerge which then are used in regression analysis with observed National Accounts final demand prices.

In summary, let us review the procedure. Industry Real Domestic Product prices, sensitive to domestic cost, are weighted with import prices, which are influenced by the exchange rate, to obtain a set of commodity prices which reflect the price of supplying goods whether produced domestically or imported. The weights used in this exercise depend upon (1) the import content vector, (2) the Use matrix, and (3) the Make matrix. It is at this step that the direct and indirect effect of the commodity composition of domestic supply is introduced into the calculation. The prices available from this calculation are then adjusted for manufacturers' sales taxes and noncommodity taxes. This new set of prices (in a commodity framework) is then passed through the final demand Bridge matrix to produce a pre-provincial sales tax pseudo final demand price. The final demand Bridge Matrix does nothing but translate a set of prices which are in a commodity accounting framework to a set of prices which are in a final demand expenditure framework. The provincial sales taxes are then levied with due respect as to whether they are volume taxes or value taxes. From this we obtain a set of pseudo final demand prices.

These pseudo final demand prices are then used to derive the actual final demand prices associated with consumption, investment, inventories, and government spending by way of regression techniques. Once all prices and quantities are determined at the final demand level, nominal values are obtained through appropriate identities (the current dollar value of the components of consumption, investment, government spending, imports and exports is derived as price times quantity identities). Given these nominal values, such major aggregates as total consumption, total investment and GNE are obtained.

PRICE CONVERSION BLOCK

VARIABLES EXOGENOUS TO PRICE CONVERSION BLOCK

PROV SALES TAX RATE - REC SPORT & CAMP EQUIP	GTRP.ITS.CDE10	E
PROV SALES TAX RATE - FURNITURE & CARPETS	GTRP.ITS.CDH10	E
PROV SALES TAX RATE - HOUSEHOLD APPLIANCES	GTRP.ITS.CDH20	E
PROV SALES TAX RATE - NEW & USED AUTOS	GTRP.ITS.CDI10	E
PROV SALES TAX RATE - REPAIR & PARTS	GTRP.ITS.CDI20	E
PROV SALES TAX RATE - MEN'S BOYS' CLOTHING	GTRP.ITS.CHC10	E
PROV SALES TAX RATE - WOMEN'S GIRLS' AND INFANTS' WEAR	GTRP.ITS.CHC20	E
PROV SALES TAX RATE - BOOTS/SHOE REPAIR	GTRP.ITS.CHE30	E
PROV SALES TAX RATE - BOOKS/NEWSPAPERS & MAGAZINES	GTRP.ITS.CHE20	E
PROV SALES TAX RATE - FEMLE DURELWES HOUSEHOLD FURNISHINGS	GTRP.ITS.CHP10	E
PROV SALES TAX RATE - JEWELLERY/MATCHES & REPAIRS	GTRP.ITS.CHP10	E
PROV SALES TAX RATE - FOODS/BEVERAGES	GTRP.ITS.CNF10	E
PROV SALES TAX RATE - ALCOHOLIC BEVERAGES	GTRP.ITS.CNF20	E
PROV SALES TAX RATE - TOBACCO	GTRP.ITS.CNF30	E
PROV SALES TAX RATE - NON-DURABLE HOUSEHOLD SUPPLIES	GTRP.ITS.CNF40	E
PROV SALES TAX RATE - DRUGS & SUNDRIES	GTRP.ITS.CNF40	E
PROV SALES TAX RATE - TOILET ARTICLES & COSMETICS	GTRP.ITS.CNF20	E
PROV SALES TAX RATE - ELECTRICITY	GTRP.ITS.CNR50	E
PROV SALES TAX RATE - GAS	GTRP.ITS.CNR50	E
PROV SALES TAX RATE - OTHER FUELS	GTRP.ITS.CNR50	E
PROV SALES TAX RATE - GASOLINE OIL & GREASE	GTRP.ITS.CNR30	E
PROV SALES TAX RATE - RECREATIONAL SERVICES	GTRP.ITS.CSE30	E
PROV SALES TAX RATE - LAUNDRY & DRY CLEANING	GTRP.ITS.CSE30	E
PROV SALES TAX RATE - EXPND ON RESTAURANTS & HOTELS	GTRP.ITS.CSP40	E
PROV SALES TAX RATE - OTHER LODGING	GTRP.ITS.CSE30	E
PROV SALES TAX RATE - OTHER AUTO RELATED SERVICES	GTRP.ITS.CST40	E
PROV SALES TAX RATE - COMMUNICATIONS	GTRP.ITS.CST60	E
EXCISE DUTY RATE BEER & ALCOHOL COMBINED	GTF.R.DALC	E
EXCISE DUTY RATE ON STANDARD WT CIGARETTES	GTF.R.DCIG	E
MANUF SALES TAX RATE ON CONSUMER GOODS	GTF.R.MSC	E
MANUF SALES TAX RATE ON MACH & EQUIP	GTF.R.MSIR	E
EXCISE TAX RATE ON STANDARD WT CIGARETTES	GTF.R.TCIG	E
INDEX OF LIQUOR CONTROL BOARD PROFITS PER UNIT OF CNF20	GTP.I.LIQP	E
WTD PROV DIESEL & GASOLINE TAX RATE	GTP.R.D+GAS	E
IMPORT PRICE - RESIDUAL AGRICULTURAL PROD - WORLD	PTM.CA.AGRESW	E
IMPORT PRICE - ALCOHOLIC BEVERAGES - WORLD	PTM.CA.ALBVW	E
IMPORT PRICE - APPAREL & HOUSEHOLD GOODS - WORLD	PTM.CA.APHTW	E
IMPORT PRICE - BUSINESS MACHINERY	PTM.CA.BZMW	E
IMPORT PRICE - CHEMICALS - WORLD	PTM.CA.CHEMW	E
IMPORT PRICE - COAL - WORLD	PTM.CA.COALW	E
IMPORT PRICE - DAIRY MEAT FTSH PROD - WORLD	PTM.CA.DAMEW	E
IMPORT PRICE - FREIGHT & SHIPPING - WORLD	PTM.CA.FRSHW	E
IMPORT PRICE - FUEL PROD - WORLD	PTM.CA.FUPTW	E
IMPORT PRICE - FRUITS & VEGETABLES - WORLD	PTM.CA.FUVEW	E
IMPORT PRICE - INDUSTRIAL MACHINERY - WORLD	PTM.CA.INMW	E
IMPORT PRICE - INCOME PAYMENTS - WORLD	PTM.CA.INPYW	E
IMPORT PRICE - IRON & STEEL - WORLD	PTM.CA.IRASW	E
IMPORT PRICE - AGRICULTURAL MACHINERY - WORLD	PTM.CA.MAFW	E
IMPORT PRICE - MISC MANUFACTURED GOODS	PTM.CA.MCMFRW	E
IMPORT PRICE - MISC EQUIP & TOOLS - WORLD	PTM.CA.MCPCOW	E
IMPORT PRICE - MISC EQUIP & TOOLS - WORLD	PTM.CA.MEQTW	E

IMPORT PRICE - MISC PERSONAL & HOUSEHOLD EQUIP - WORLD	PTM.CA.MPERM	E
IMPORT PRICE - MOTOR VEHICLES - WORLD	PTM.CA.MTRVEHWM	E
IMPORT PRICE - MTR VEHICLE PARTS - WORLD	PTM.CA.MTRVPRWM	E
IMPORT PRICE - NONFERROUS METALS - WORLD	PTM.CA.NOFERW	E
IMPORT PRICE - NONCOMPETITIVE GOODS WORLD	PTM.CA.NONCW	E
IMPORT PRICE - OTHER CR.MATERIALS WORLD	PTM.CA.OCRMW	E
IMPORT PRICE - OTHER SERVICE PAYMENTS - WORLD	PTM.CA.OSERVW	E
IMPORT PRICE - CRUDE PETROLEUM - WORLD	PTM.CA.PETOM	E
IMPORT PRICE - RESIDUAL TRANSPORT EQUIP - WORLD	PTM.CA.RETRW	E
IMPORT PRICE - COMMUNICATIONS EQUIP - WORLD	PTM.CA.TELKW	E
IMPORT PRICE - TEXTILES & MATERIALS - WORLD	PTM.CA.TEXMW	E
IMPORT PRICE - TRAVEL PAYMENTS - WORLD	PTM.CA.TRLWM	E
IMPORT PRICE - WOOD PROD - WORLD	PTM.CA.WOODW	E
SECTOR DEFLATOR, AGRICULT, FISHING & TRAPPING INDST	PXAGFTL2141.7	E
SECTOR DEFLATOR, CONSTRUCTION INDST	PXCNSL44.21	E
SECTOR DEFLATOR, COMMUNICATION INDST	PXCMSM54.48	E
SECTOR DEFLATOR, FIN INS & REAL ESTATE INDST	PXFIREF701.37	E
SECTOR DEFLATOR, FORESTRY INDST	PXFTY31.9	E
SECTOR DEFLATOR, HOSPITALS	PXGHOSP821	E
SECTOR DEFLATOR, PUB ADMIN, FEDERAL DEFENCE	PXGPAFD902	E
SECTOR DEFLATOR, PUB ADMIN, FEDERAL NONDEFENCE	PXGPAFND909	E
SECTOR DEFLATOR, PUB ADMIN, LOCAL GOVT	PXGPAFL951	E
SECTOR DEFLATOR, PUB ADMIN, PROV GOVT	PXGPAP931	E
SECTOR DEFLATOR, PRIMARY, SECONDARY & NON UNIV POST SEC ED	PXGPSED	E
SECTOR DEFLATOR, INDIRECT BUSINESS TAXES - COMMODITIES	PXIIBTCD	E
SECTOR DEFLATOR, INDIRECT BUSINESS TAXES - NONCOMMODITIES	PXIIBTNC	E
SECTOR DEFLATOR, WOOD INDST	PXMFDR251.59	E
SECTOR DEFLATOR, FURNITURE & FIXTURE INDST	PXMFDR261.68	E
SECTOR DEFLATOR, IRON & STEEL INDST	PXMFDR291.94	E
SECTOR DEFLATOR, NONFERROUS METAL INDST	PXMFDR295.98	E
SECTOR DEFLATOR, METAL FABRICATING INDST	PXMFDR301.09	E
SECTOR DEFLATOR, MACH (EX ELEC MACH) INDST	PXMFDR311.18	E
SECTOR DEFLATOR, NON AUTO TRANSPORT EQUIP INDST	PXMFDR321+26.9	E
SECTOR DEFLATOR, MOTOR VEH PARTS & ACC INDST	PXMFDR323.24	E
SECTOR DEFLATOR, MOTOR VEH PARTS & ACC INDST	PXMFDR325	E
SECTOR DEFLATOR, ELECTRICAL PROD INDST	PXMFDR331.39	E
SECTOR DEFLATOR, FOOD & BEVERAGE INDST	PXMFDR351.59	E
SECTOR DEFLATOR, RUBBER & PLASTICS PROD INDST	PXMEND101.09	E
SECTOR DEFLATOR, TOBACCO PROD INDST	PXMEND151.53	E
SECTOR DEFLATOR, LEATHER PROD INDST	PXMEND162.65	E
SECTOR DEFLATOR, TEXTILE INDST	PXMEND172.79	E
SECTOR DEFLATOR, KNITTING MILLS & CLOTHING INDST	PXMEND181.89	E
SECTOR DEFLATOR, PAPER & ALLIED INDST	PXMEND231.49	E
SECTOR DEFLATOR, PRINTING, PUBLISH & ALLIED INDST	PXMEND271.74	E
SECTOR DEFLATOR, PETROLEUM & COAL PROD INDST	PXMEND286.89	E
SECTOR DEFLATOR, CHEM PROD INDST	PXMEND365.69	E
SECTOR DEFLATOR, CHEM MANUFACTURING INDST	PXMEND372.79	E
SECTOR DEFLATOR, CRD PET NATL GAS&SERV INCID TO MIN INDST	PXMEND391.99	E
SECTOR DEFLATOR, CRD PET NATL GAS&SERV INCID TO MIN INDST	PXMICP64+96.9	E
SECTOR DEFLATOR, METAL MINING INDST	PXMIMM51.9	E
SECTOR DEFLATOR, NON METAL MINING (EX COAL) INDST	PXMINM71.87	E
SECTOR DEFLATOR, OWNER OCCUPIED DWELLINGS	PXRENTOOD	E
SECTOR DEFLATOR, SUBSIDIES	PXSUB	E
SECTOR DEFLATOR, COMMERCIAL SERVICES INDST	PXSVC	E
SECTOR DEFLATOR, COLLEGE & UNIV EDUCATION	PXSVMGED806	E
SECTOR DEFLATOR, OTHER NONCOMMERCIAL SERVICE INDST	PXSVNC	E
SECTOR DEFLATOR, WHOLESALE & RETAIL TRADE INDST	PXTRAD602.99	E
SECTOR DEFLATOR, TRANSPORTATION INDST	PXTRSP501.27	E
SECTOR DEFLATOR, UTILITY INDST	PXUTIL572.79	E
SECTOR DEFLATOR, AGRICULTURAL PROD - WORLD	PXWAGRESW	E
IMPORTS RESIDUAL	TWALFVW	E
IMPORTS ALCOHOLIC BEVERAGES - WORLD		E

IMPORTS APPAREL & HOUSEHOLD GOODS - WORLD
IMPORTS BUSINESS MACHINERY - WORLD
IMPORTS DAIRY MEAT FISH PROD - WORLD
IMPORTS FRUITS & VEGETABLES - WORLD
IMPORTS INDUSTRIAL MACHINERY - WORLD
IMPORTS AGRICULTURAL MACH - WORLD
IMPORTS MISC MANUFACTURED GOODS - WORLD
IMPORTS MISC EQUIP & TOOL - WORLD
IMPORTS MISC PERSONAL & HHOLD EQUIP - WORLD
IMPORTS SERVICE PYMTS - OTHER SRVS - WORLD
IMPORTS SERVICE PYMTS - TRAVEL - WORLD
IMPORTS COMMUNICATIONS EQUIP - WORLD
IMPORTS TEXTILES & MATERIALS - WORLD

TMAPHTW E
TMBZMAW E
TMDAMEW E
TMFUYEW E
TWINMAW E
TWMFAW E
TMMCMERW E
TMMEOTW E
TMMPERW E
TMSOTHSERW E
TMSTRAVELW E
TMTALKW E
TMTEXMW E

INDUSTRY

AGRICULTURE, FISHING & TRAPPING	PY(1)	=	PXAGFTL.21+41.7
FORESTRY	PY(2)	=	PXFSTY31.9
METAL MINING	PY(3)	=	PXMIMM51.9
COAL MINING	PY(4)	=	PXMICL61
CRD PET NATURAL GAS, SRVS INCID TO MINING	PY(5)	=	PXMICP64+96.9
NONMETAL MINING (EXCEPT COAL)	PY(6)	=	PXMINM71.87
FOOD & BEVERAGES	PY(7)	=	PXMEND101.09
TOBACCO PRODUCTS	PY(8)	=	PXMEND151.53
RUBBER & PLASTIC PRODUCTS	PY(9)	=	PXMEND162.65
LEATHER	PY(10)	=	PXMEND172.79
TEXTILES	PY(11)	=	PXMEND181.89
KNITTING MILLS & CLOTHING	PY(12)	=	PXMEND231.49
WOOD	PY(13)	=	PXMEDR251.59
FURNITURE & FIXTURES	PY(14)	=	PXMEDR261.68
PAPER AND ALLIED	PY(15)	=	PXMEND271.74
PRINTING, PUBLISHING & ALLIED	PY(16)	=	PXMEND286.89
IRON AND STEEL	PY(17)	=	PXMEDR291.94
NONFERROUS METAL	PY(18)	=	PXMEDR295.98
METAL FABRICATING	PY(19)	=	PXMEDR301.09
MACHINERY (EX ELECTRICAL MACHINERY)	PY(20)	=	PXMEDR311.18
MOTOR VEHICLE (EX PARTS & ACCESSORIES)	PY(21)	=	PXMEDR323.24
MOTOR VEHICLE PARTS AND ACCESSORIES	PY(22)	=	PXMEDR325
NONAUTO TRANSPORT EQUIPMENT	PY(23)	=	PXMEDR321+26.9
ELECTRICAL PRODUCTS	PY(24)	=	PXMEDR331.39
NONMETALLIC MINERAL PRODUCTS	PY(25)	=	PXMEDR351.59
PETROLEUM AND COAL PRODUCTS	PY(26)	=	PXMEND365.69
CHEMICAL AND CHEMICAL PRODUCTS	PY(27)	=	PXMEND372.79
MISCELLANEOUS MANUFACTURING	PY(28)	=	PXMEND391.99
CONSTRUCTION	PY(29)	=	PXCNST404.21
TRANSPORTATION	PY(30)	=	PXTRSP501.27
COMMUNICATION	PY(31)	=	PXCOMM543.48
UTILITIES	PY(32)	=	PXUTIL572.79
WHOLESALE AND RETAIL TRADE	PY(33)	=	PXTRAD602.99
OWNER OCCUPIED DWELLINGS	PY(34)	=	PXRENTOOD
FINANCE, INSURANCE, & REAL ESTATE	PY(35)	=	PXFIRE701.37
COMMERCIAL SERVICES	PY(36)	=	PXSVCN
OTHER NONCOMMERCIAL SERVICES	PY(37)	=	PXSVCN
COLLEGE AND UNIVERSITY EDUCATION	PY(38)	=	PXSVMHGED806
HOSPITALS	PY(39)	=	PXGHOSP821
PRIMARY, SECONDARY, AND NONUNIVERSITY POST SECONDARY EDUCATION	PY(40)	=	PXGPSED
PUBLIC ADMINISTRATION, FEDERAL DEFENCE	PY(41)	=	PXGPAFD902
PUBLIC ADMINISTRATION, FEDERAL NONDEFENCE	PY(42)	=	PXGPAFND909
PUBLIC ADMINISTRATION, LOCAL GOVERNMENT	PY(43)	=	PXGPAL951
PUBLIC ADMINISTRATION, PROVINCIAL GOVERNMENT	PY(44)	=	PXGPAP931
NONCOMPETING IMPORTS	PY(45)	=	0.0
INDIRECT TAXES, COMMODITIES	PY(46)	=	PXIABTCD
INDIRECT TAXES, NONCOMMODITIES	PY(47)	=	PXIABTCD
SUBSIDIES	PY(48)	=	PXSUB

FOREIGN PRICE ASSIGNMENTS

PM(1)	=	(PTM.CA.AGRESW * TMAGRESW + PTM.CA.FUVEW * TMFUVEW) / (TMAGRESW + TMFUVEW)
PM(2)	=	PTM.CA.WOPRW
PM(3)	=	PTM.CA.OCRMTW
PM(4)	=	PTM.CA.COALW
PM(5)	=	PTM.CA.PETOW
PM(6)	=	PTM.CA.OCRMTW * TMBLVW + PTM.CA.DAMEW * TMDAMEW + PTM.CA.FUVEW * TMFUVEW
PM(7)	=	/ (TMBLVW + TMDAMEW + TMFUVEW)
PM(8)	=	PTM.CA.AGRESW
PM(9)	=	PTM.CA.MCPROCW
PM(10)	=	PTM.CA.MCPROCW
PM(11)	=	PTM.CA.TEXMW
PM(12)	=	PTM.CA.APHTW * TMAPHTW + PTM.CA.TEXMW * TMTEXMW) / (TMAPHTW + TMTEXMW)
PM(13)	=	PTM.CA.WOPRW
PM(14)	=	PTM.CA.APHTW
PM(15)	=	PTM.CA.MCPROCW
PM(16)	=	PTM.CA.MCPROCW
PM(17)	=	PTM.CA.IRASW
PM(18)	=	PTM.CA.NOFRW
PM(19)	=	(PTM.CA.INMAW * TMINMAW + PTM.CA.MEQTW * TMMEQTW) / (TMINMAW + TMMEQTW)
PM(20)	=	(PTM.CA.INMAW * TMINMAW + PTM.CA.MAFW * TMAFAW + PTM.CA.BZMAW * TMBZMAW) / (TMINMAW + TMAFAW + TMBZMAW)
PM(21)	=	PTM.CA.MTRVEHW
PM(22)	=	PTM.CA.MTRVPRTW
PM(23)	=	PTM.CA.RETRW
PM(24)	=	(PTM.CA.TALKW * TMTALKW + PTM.CA.MEQTW * TMMEQTW) / (TMTALKW + TMMEQTW)
PM(25)	=	PTM.CA.MCPROCW
PM(26)	=	PTM.CA.FUPTW
PM(27)	=	PTM.CA.CHEMW
PM(28)	=	(PTM.CA.MCMFRW * TMMCMFRW + PTM.CA.MPERW * TMMPERW) / (TMMCMFRW + TMMPERW)
PM(29)	=	0.0
PM(30)	=	PTM.CA.FRSHW
PM(31)	=	0.0
PM(32)	=	0.0
PM(33)	=	0.0
PM(34)	=	0.0
PM(35)	=	PTM.CA.INPYW
PM(36)	=	(PTM.CA.TRLVW * TMSTRAVELW + PTM.CA.OSERVW * TMSOTHSERW) / (TMSTRAVELW + TMSOTHSERW)
PM(1)	=	0.0 I=37,44
PM(45)	=	PTM.CA.NONCW

NOTE: INDUSTRY ASSIGNMENTS IDENTICAL TO DOMESTIC PRICE ASSIGNMENTS

PRICE CONVERSION

CANDIDE MODEL 2.0
OCTOBER, 1979
SECTION 18, PAGE 12

ET(48,150) THE FINAL DEMAND BRIDGE MATRIX
BDIMUR(48,48) DOMESTIC MATRIX WEIGHTING USED TO DETERMINE PQ(COMMODITY PRICES)
UR(48,48) IMPORT MATRIX WEIGHTING USED TO DETERMINE PQ(COMMODITY PRICES)
DA(48,48) THE MAKE MATRIX
B(48,48) THE USE MATRIX
BSTAR(48,48) DIAGONAL MATRIX WITH $(1 - \text{SUM}(I=1,48), B(I,J), J=1,48)$ ON MAIN DIAGONAL (VALUE ADDED SHARE)
U(48,48) DIAGONAL MATRIX WITH $(M(I) / ((Q(I) + M(I) - X(I)), I=1...48)$ ON MAIN DIAGONAL (IMPORT CONTENT)
M(48) IMPORT BY COMMODITY, 1971
Q(48) COMMODITY GROSS OUTPUT, 1971
X(48) EXPORTS BY COMMODITY 1971
PG(48) INDUSTRY PRICES
PQ(48) COMMODITY PRICES
PQD(48) COMMODITY PRICES (DOMESTICALLY PRODUCED)
PF(89) FINAL DEMAND PRICES (PSEUDO)
PY(48) VALUE ADDED PRICES BY INDUSTRY (ASSIGNED)
PM(48) IMPORT PRICES BY COMMODITY (ASSIGNED)

PQ(I), I=1...48 DERIVED AS FOLLOWS:

$$\begin{aligned} PG &= PQ * B + PY * BSTAR \\ PQD &= PG * DA \\ PQ &= PM * U + PQD * (I - U) \end{aligned}$$

Imports to Domestic prices

USING (1), (2), AND (3) WE DERIVE PQ AS A WEIGHTED SUM OF PM AND PY

$$PQ = PM * U * (I - B * DA * (I - U))(INVERSE) + PY * BSTAR * DA * (I - U) * (I - B * DA * (I - U))(INVERSE)$$

NOTE: $UR = U * (I - B * DA * (I - U))(INVERSE)$

$$BDIMUR = BSTAR * DA * (I - U) * (I - B * DA * (I - U))(INVERSE)$$

The final price is a weighted average

COMPUTATION OF PSEUDO FINAL DEMAND PRICE NET OF PROVINCIAL SALES TAX

PQ(I)	=	SUM(J=1,48) PY(J) * BDIWUR (J,I) + SUM(J=1,48) PM(J) * UR(J,I),	I = 1...48
PQ(I)	=	PQ(I)	I = 1...6
PQ(I)	=	PQ(I) * (1 + GTF.R.MSC) / (1 + GTF.R.MSC(1971)),	I = 7...19
PQ(20)	=	PQ(20) * (1 + GTF.R.MSIM)	
PQ(I)	=	PQ(I) * (1 + GTF.R.MSC) / (1 + GTF.R.MSC(1971)),	I = 21,23
PQ(24)	=	PQ(24) * (1 + GTF.R.MSIM)	
PQ(I)	=	PQ(I) * (1 + GTF.R.MSC) / (1 + GTF.R.MSC(1971)),	I = 25,27
PQ(28)	=	PQ(28) * (1 + GTF.R.MSIM)	
PQ(I)	=	PQ(I)	I = 29,48
SE(K)	=	SUM(J=1,45) EI(J,K),	K = 1...89
PF(K)	=	SUM(J=1,45) (PQ(J) * EI(J,K) / SE(K)),	K = 1...89

COMPUTING PSEUDO FINAL DEMAND PRICE WITH THE ADDITION OF PROVINCIAL SALES TAX

PF(1) = PF(1) * ((1 + GTRP.ITS.CNF10) / (1 + GTRP.ITS.CNF10(1971)))
 PF(2) = (PF(2) * (1 - EI(46.2)) + EI(46.2) * (((1358/808.2) * (1 + GTF.R.MSC) * GTF.R.DALC) / ((1 + GTF.R.MSC(1971)) * GTF.R.DALC(1971))) + ((456.2/808.2) * GTF.I.LTOP / GTF.I.LTOP(1971))) * ((1 + GTRP.ITS.CNF20) / (1 + GTRP.ITS.CNF20(1971)))
 PF(3) = (PF(3) * (1 - EI(46.3)) + EI(46.3) * (((1 + GTF.R.MSC) * GTF.R.DCIG + GTF.R.TCIG) / ((1 + GTF.R.MSC(1971)) * GTF.R.DCIG(1971)) + GTF.R.TCIG(1971))) * ((1 + GTRP.ITS.CNF30) / (1 + GTRP.ITS.CNF30(1971)))
 PF(4) = PF(4) * ((1 + GTRP.ITS.CHC10) / (1 + GTRP.ITS.CHC10(1971)))
 PF(5) = PF(5) * ((1 + GTRP.ITS.CHC20) / (1 + GTRP.ITS.CHC20(1971)))
 PF(6) = PF(6) * ((1 + GTRP.ITS.CHC30) / (1 + GTRP.ITS.CHC30(1971)))
 PF(7) = PF(7)
 PF(8) = PF(8)
 PF(9) = PF(9) * ((1 + GTRP.ITS.CSR30) / (1 + GTRP.ITS.CSR30(1971)))
 PF(10) = PF(10) * ((1 + GTRP.ITS.CNR40) / (1 + GTRP.ITS.CNR40(1971)))
 PF(11) = PF(11) * ((1 + GTRP.ITS.CNR50) / (1 + GTRP.ITS.CNR50(1971)))
 PF(12) = PF(12) * ((1 + GTRP.ITS.CNR60) / (1 + GTRP.ITS.CNR60(1971)))
 PF(13) = PF(13) * ((1 + GTRP.ITS.CDH10) / (1 + GTRP.ITS.CDH10(1971)))
 PF(14) = PF(14) * ((1 + GTRP.ITS.CDH20) / (1 + GTRP.ITS.CDH20(1971)))
 PF(15) = PF(15) * ((1 + GTRP.ITS.CHH30) / (1 + GTRP.ITS.CHH30(1971)))
 PF(16) = PF(16) * ((1 + GTRP.ITS.CNH40) / (1 + GTRP.ITS.CNH40(1971)))
 PF(17) = PF(17) * ((1 + GTRP.ITS.CSH50) / (1 + GTRP.ITS.CSH50(1971)))
 PF(K) = PF(K) K = 18,22
 PF(23) = PF(23) * ((1 + GTRP.ITS.CNM40) / (1 + GTRP.ITS.CNM40(1971)))
 PF(24) = PF(24) * ((1 + GTRP.ITS.CDT10) / (1 + GTRP.ITS.CDT10(1971)))
 PF(25) = PF(25) * ((1 + GTRP.ITS.CDT20) / (1 + GTRP.ITS.CDT20(1971)))
 PF(26) = (PF(26) * (1 - EI(46.26)) + EI(46.26) * (GTF.R.D+GAS / GTF.R.D+GAS(1971))) * ((1 + GTRP.ITS.CNT30) / (1 + GTRP.ITS.CNT30(1971)))
 PF(27) = PF(27) * ((1 + GTRP.ITS.CST40) / (1 + GTRP.ITS.CST40(1971)))
 PF(28) = PF(28)
 PF(29) = PF(29) * ((1 + GTRP.ITS.CST60) / (1 + GTRP.ITS.CST60(1971)))
 PF(30) = PF(30) * ((1 + GTRP.ITS.CDE10) / (1 + GTRP.ITS.CDE10(1971)))
 PF(31) = PF(31) * ((1 + GTRP.ITS.CHE20) / (1 + GTRP.ITS.CHE20(1971)))

PF(32)	=	PF(32) * ((1 + GTRP.ITS.CSE30) / (1 + GTRP.ITS.CSE30(1971)))
PF(33)	=	PF(33)
PF(34)	=	PF(34) * ((1 + GTRP.ITS.CHP10) / (1 + GTRP.ITS.CHP10(1971)))
PF(35)	=	PF(35) * ((1 + GTRP.ITS.CNP20) / (1 + GTRP.ITS.CNP20(1971)))
PF(36)	=	PF(36)
PF(37)	=	PF(37) * ((1 + GTRP.ITS.CSP40) / (1 + GTRP.ITS.CSP40(1971)))
PF(K)	=	PF(K) K=38,72
PF(73)	=	PF(73) * ((1 + GTF.R.MSIR) / (1 + GTF.R.MSIR(1971)))
PF(74)	=	PF(74)
PF(75)	=	PF(75) * ((1 + GTF.R.MSIR) / (1 + GTF.R.MSIR(1971)))
PF(K)	=	PF(K) K = 76,89

PSEUDO FINAL DEMAND PRICES

PRICE FOR FINAL DEMAND CATEGORY CNF10
 PRICE FOR FINAL DEMAND CATEGORY CNF20
 PRICE FOR FINAL DEMAND CATEGORY CNF30
 PRICE FOR FINAL DEMAND CATEGORY CNF40
 PRICE FOR FINAL DEMAND CATEGORY CNF50
 PRICE FOR FINAL DEMAND CATEGORY CNF60
 PRICE FOR FINAL DEMAND CATEGORY CNF70
 PRICE FOR FINAL DEMAND CATEGORY CNF80
 PRICE FOR FINAL DEMAND CATEGORY CNF90
 PRICE FOR FINAL DEMAND CATEGORY CNF100
 PRICE FOR FINAL DEMAND CATEGORY CNR40
 PRICE FOR FINAL DEMAND CATEGORY CNR50
 PRICE FOR FINAL DEMAND CATEGORY CNR60
 PRICE FOR FINAL DEMAND CATEGORY CNR70
 PRICE FOR FINAL DEMAND CATEGORY CNR80
 PRICE FOR FINAL DEMAND CATEGORY CNR90
 PRICE FOR FINAL DEMAND CATEGORY CNR100
 PRICE FOR FINAL DEMAND CATEGORY CSH50
 PRICE FOR FINAL DEMAND CATEGORY CSH60
 PRICE FOR FINAL DEMAND CATEGORY CSH70
 PRICE FOR FINAL DEMAND CATEGORY CSM10
 PRICE FOR FINAL DEMAND CATEGORY CSM20
 PRICE FOR FINAL DEMAND CATEGORY CSM30
 PRICE FOR FINAL DEMAND CATEGORY CSM40
 PRICE FOR FINAL DEMAND CATEGORY CDT10
 PRICE FOR FINAL DEMAND CATEGORY CDT20
 PRICE FOR FINAL DEMAND CATEGORY CNT30
 PRICE FOR FINAL DEMAND CATEGORY CST40
 PRICE FOR FINAL DEMAND CATEGORY CST50
 PRICE FOR FINAL DEMAND CATEGORY CST60
 PRICE FOR FINAL DEMAND CATEGORY CDE10
 PRICE FOR FINAL DEMAND CATEGORY CHE20
 PRICE FOR FINAL DEMAND CATEGORY CSE30
 PRICE FOR FINAL DEMAND CATEGORY CSE40
 PRICE FOR FINAL DEMAND CATEGORY CHP10
 PRICE FOR FINAL DEMAND CATEGORY CNP20
 PRICE FOR FINAL DEMAND CATEGORY CSP30
 PRICE FOR FINAL DEMAND CATEGORY CSP40
 PRICE FOR FINAL DEMAND CATEGORY CSP50
 PRICE FOR FINAL DEMAND CATEGORY CSP60
 PRICE FOR FINAL DEMAND CATEGORY CSA10
 PRICE FOR FINAL DEMAND CATEGORY IAGFTM
 PRICE FOR FINAL DEMAND CATEGORY IFSTM31.9
 PRICE FOR FINAL DEMAND CATEGORY IMIM
 PRICE FOR FINAL DEMAND CATEGORY IMFNDM101.9
 PRICE FOR FINAL DEMAND CATEGORY IMFNDM151.3
 PRICE FOR FINAL DEMAND CATEGORY IMFNDM162.5
 PRICE FOR FINAL DEMAND CATEGORY IMFNDM172.9
 PRICE FOR FINAL DEMAND CATEGORY IMFNDM181.9
 PRICE FOR FINAL DEMAND CATEGORY IMFNDM231.49
 PRICE FOR FINAL DEMAND CATEGORY IMFDM251.9
 PRICE FOR FINAL DEMAND CATEGORY IMFDM261.8
 PRICE FOR FINAL DEMAND CATEGORY IMFNDM271.4
 PRICE FOR FINAL DEMAND CATEGORY IMFNDM286.9
 PRICE FOR FINAL DEMAND CATEGORY IMFDM291.8
 PRICE FOR FINAL DEMAND CATEGORY IMFDM301.9
 PRICE FOR FINAL DEMAND CATEGORY IMFDM311.8
 PRICE FOR FINAL DEMAND CATEGORY IMFDM321.9

PF01 = PF(1)
 PF02 = PF(2)
 PF03 = PF(3)
 PF04 = PF(4)
 PF05 = PF(5)
 PF06 = PF(6)
 PF07 = PF(7)
 PF08 = PF(8)
 PF09 = PF(9)
 PF10 = PF(10)
 PF11 = PF(11)
 PF12 = PF(12)
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 PF14 = PF(14)
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 PF20 = PF(20)
 PF21 = PF(21)
 PF22 = PF(22)
 PF23 = PF(23)
 PF24 = PF(24)
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 PF26 = PF(26)
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 PF28 = PF(28)
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 PF30 = PF(30)
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 PF46 = PF(46)
 PF47 = PF(47)
 PF48 = PF(48)
 PF49 = PF(49)
 PF50 = PF(50)
 PF51 = PF(51)
 PF52 = PF(52)
 PF53 = PF(53)
 PF54 = PF(54)
 PF55 = PF(55)
 PF56 = PF(56)
 PF57 = PF(57)

PRICE FOR FINAL DEMAND CATEGORY IMFDM331.9	PF58 = PF(58)
PRICE FOR FINAL DEMAND CATEGORY IMFDM351.9	PF59 = PF(59)
PRICE FOR FINAL DEMAND CATEGORY INFNDM365.9	PF60 = PF(60)
PRICE FOR FINAL DEMAND CATEGORY INFNDM372.9	PF61 = PF(61)
PRICE FOR FINAL DEMAND CATEGORY INFNDM391.9	PF62 = PF(62)
PRICE FOR FINAL DEMAND CATEGORY ICNSTM	PF63 = PF(63)
PRICE FOR FINAL DEMAND CATEGORY IUTILM572.9	PF64 = PF(64)
PRICE FOR FINAL DEMAND CATEGORY ITRSPM501.27	PF65 = PF(65)
PRICE FOR FINAL DEMAND CATEGORY ICOMMM543.8	PF66 = PF(66)
PRICE FOR FINAL DEMAND CATEGORY ITRADM602.99	PF67 = PF(67)
PRICE FOR FINAL DEMAND CATEGORY IFIREM701.37	PF68 = PF(68)
PRICE FOR FINAL DEMAND CATEGORY IMESV.IO	PF69 = PF(69)
PRICE FOR FINAL DEMAND CATEGORY ISVHGDM806	PF70 = PF(70)
PRICE FOR FINAL DEMAND CATEGORY ISUA	PF71 = PF(71)
PRICE FOR FINAL DEMAND CATEGORY GE.INV.ME	PF72 = PF(72)
PRICE FOR FINAL DEMAND CATEGORY IMIC	PF73 = PF(73)
PRICE FOR FINAL DEMAND CATEGORY IREC.IO	PF74 = PF(74)
PRICE FOR FINAL DEMAND CATEGORY ICU.IO	PF75 = PF(75)
PRICE FOR FINAL DEMAND CATEGORY .INVRM	PF76 = PF(76)
PRICE FOR FINAL DEMAND CATEGORY .INVEG	PF77 = PF(77)
PRICE FOR FINAL DEMAND CATEGORY GEH.IO.VA	PF78 = PF(78)
PRICE FOR FINAL DEMAND CATEGORY GEH.IO.OTH	PF79 = PF(79)
PRICE FOR FINAL DEMAND CATEGORY GEE.IO.VA	PF80 = PF(80)
PRICE FOR FINAL DEMAND CATEGORY GEE.IO.OTH	PF81 = PF(81)
PRICE FOR FINAL DEMAND CATEGORY GEF.IO.DVA	PF82 = PF(82)
PRICE FOR FINAL DEMAND CATEGORY GEF.IO.DOTH	PF83 = PF(83)
PRICE FOR FINAL DEMAND CATEGORY GEF.IO.NDVA	PF84 = PF(84)
PRICE FOR FINAL DEMAND CATEGORY GEF.IO.NDOTH	PF85 = PF(85)
PRICE FOR FINAL DEMAND CATEGORY GEL.IO.VA	PF86 = PF(86)
PRICE FOR FINAL DEMAND CATEGORY GEL.IO.OTH	PF87 = PF(87)
PRICE FOR FINAL DEMAND CATEGORY GEP.IO.VA	PF88 = PF(88)
PRICE FOR FINAL DEMAND CATEGORY GEP.IO.OTH	PF89 = PF(89)

ANOTHER PLASTIAB PRODUCT BY LOWE-MARTIN COMPANY INC

FINAL DEMAND DEFLATORS - CONSUMPTION

In the overview of final demand price conversion, we indicated that a set of pseudo final demand prices is the end product of the price conversion process. These pseudo final demand prices are used as right hand side variables to explain the final demand deflators associated with the quantities on the demand side of Candide Model 2.0. For consumption there are specific final demand deflators associated with each item at the disaggregated level. Most of the final demand deflators for consumption are directly related to a pseudo price generated from price conversion. However, there are a few final demand deflators where weighted averages of pseudo deflators are used as right hand side explanatory variables. The deflator associated with consumer plus government expenditures on hospitals is such a case. Here a weighted average of three pseudo prices (namely the pseudo prices of private hospital expenditure, of government hospital value added and of government hospital other goods and services) is used in order to conform definitionally to the concept consumer plus government expenditures on hospitals.

There are some specific cases where information on industry prices is introduced directly into the equations which explain consumption final demand prices. This is done in order to increase the pass through from domestic industry prices to final demand prices. For some cases the implied pass through from the rigid price conversion process is inadequate.

Located in this block are the price times quantity identities which permit the computation of nominal values for consumer expenditures. Using the appropriate National Accounts identities, we also obtain estimates of the nominal value for total consumption and the associated deflators.

There are two other important deflators determined in this block. These include the price index for home ownership and the consumer price index. The price index for home ownership depends upon construction cost, the noncommodity indirect business tax proxy (property taxes) and an average of the conventional and NHA mortgage interest rates.

The consumer price index is a weighted average of the final demand deflators associated with detailed consumption items and of the home ownership price index. The weights used in this calculation are the 1957 benchmarks. It may be instructive to review the way in which movements in foreign prices, changes in sales tax rates or movements in domestic costs influence the CPI. These factors all influence the CPI calculation in the price conversion process. Changes in domestic costs, changes in foreign prices, or changes in indirect tax rates influence the pseudo final demand prices which are used as right hand side variables to explain the National Accounts concepts. For example, changes in property tax rates which increase collections at the municipal and local level will influence

the denominator of the noncommodity indirect tax index. This is introduced into the calculation of pseudo final demand prices during price conversion and will influence the CPI via the detailed consumption deflators. The noncommodity indirect tax index is also a right hand side variable of the home ownership price index. The latter is an important component of the CPI.

The equation for the CPI is only a weighted average of the detailed prices which influence its movement. If one is dissatisfied with the performance of the CPI in simulation it would be inappropriate to adjust the equation directly. One must look further into the system to see where an adjustment should be made. This is important since the CPI is the denominator of the real wage variable used in the participation rate equations (demographic block) and in the labour demand equations (employment block). Furthermore, a variant of the consumption deflator is used to deflate personal disposable income in the consumption-savings block. Any arbitrary movement in the CPI which is not structurally implemented will imply an inconsistency between sector prices, the consumption deflator, the CPI and real disposable income.

VARIABLES DETERMINED OUTSIDE THE CONSUMPTION PRICE BLOCK

CONSUMER EXPENDITURE - TOTAL	C
CONSUMER EXPENDITURE - TOTAL DUR GDS AS PER N.A.	CD
CONSUMER EXPENDITURE - RECREATION SPORT & CAMP EQUIP	CDE10
CONSUMER EXPENDITURE - FURNITURE & CARPETS	CDH10
CONSUMER EXPENDITURE - HOUSEHOLD APPLIANCES	CDH20
CONSUMER EXPENDITURE - NEW & USED NET AUTOMOBILES	CDT10
CONSUMER EXPENDITURE - NEW PASSENGER CARS	CDT11
CONSUMER EXPENDITURE - USED (NET) AUTOMOBILES	CDT12
CONSUMER EXPENDITURE - REPAIR & PARTS	CDT20
CONSUMER EXPENDITURE - TOTAL SEMI-DUR AS PER N.A.	CH
CONSUMER EXPENDITURE - MEN'S & BOYS' CLOTHING	CHC10
CONSUMER EXPENDITURE - WOMEN'S GIRLS & INFANTS WEAR	CHC20
CONSUMER EXPENDITURE - FOOTWEAR & REPAIR	CHC30
CONSUMER EXPENDITURE - BOOKS NEWSPAPERS & MAGAZINES	CHC20
CONSUMER EXPENDITURE - SEMI-DUR HOLID FURNISHINGS	CHH30
CONSUMER EXPENDITURE - JEWELLERY WATCHES & REPAIRS	CHP10
CONSUMER EXPENDITURE - TOTAL NON-DURABLES AS PER N.A.	CN
CONSUMER EXPENDITURE - FOOD & NON-ALCOHOLIC BEVERAGES	CNF10
CONSUMER EXPENDITURE - ALCOHOLIC BEVERAGES	CNF20
CONSUMER EXPENDITURE - TOBACCO	CNF30
CONSUMER EXPENDITURE - NON-DURABLES HOLID SUPPLIES	CNH40
CONSUMER EXPENDITURE - DRUGS & SUNDRIES	CNM40
CONSUMER EXPENDITURE - TOILET ARTICLES & COSMETICS	CNP20
CONSUMER EXPENDITURE - ELECTRICITY	CNR40
CONSUMER EXPENDITURE - GAS	CNR50
CONSUMER EXPENDITURE - OTHER FUELS	CNR60
CONSUMER EXPENDITURE - GASOLINE OIL AND GREASE	CNT30
CONSUMER EXPENDITURE - TOTAL SERVICES AS PER N.A.	CS
CONSUMER EXPENDITURE - TRAVEL EXPENDITURE SERVICES	CSA11
CONSUMER EXPENDITURE - MILITARY PAY & ALLOWANCES ABROAD	CSA12
CONSUMER EXPENDITURE - GIFTS IN KIND (NET)	CSA13
CONSUMER EXPENDITURE - TRAVEL EXPENDITURE RECEIPTS	CSA14
CONSUMER EXPENDITURE - RECREATIONAL SERVICES	CSE30
CONSUMER EXPENDITURE - EDUCATION & CULTURAL SERVICES	CSE40
CONSUMER EXPENDITURE - LAUNDRY & DRY CLEANING	CSH50
CONSUMER EXPENDITURE - DOMESTIC SERVICES	CSH60
CONSUMER EXPENDITURE - OTHER HOLID SERVICES	CSH70
CONSUMER EXPENDITURE - MEDICAL CARE	CSM10
CONSUMER EXPENDITURE - DOCTORS (GROSS FEES)	CSM11
CONSUMER EXPENDITURE - DENTISTS (GROSS FEES)	CSM12
CONSUMER EXPENDITURE - OTHER HEALTH PRACT (GROSS FEES)	CSM13
CONSUMER PLUS GOVERNMENT EXPENDITURE - DOCTORS	CSM19
CONSUMER EXPENDITURE - HOSPITAL CARE AND THE LIKE	CSM20
CONSUMER EXPENDITURE - HOSPITAL CARE AND THE LIKE I/O	CSM20.I0
CONSUMER PLUS GOVERNMENT EXPENDITURE - HOSPITALS	CSM29
CONSUMER EXPENDITURE - OTHER MEDICAL CARE EXPENSES	CSM30
CONSUMER EXPENDITURE - PERSONAL CARE	CSP30
CONSUMER EXPENDITURE - EXPENDITURE ON RESTAURANTS & HOTELS	CSP40

CONSUMER EXPENDITURE - FINANCIAL LEGAL AND OTHER SERVICES
CONSUMER EXPENDITURE - OP.EXP OF NON-PROFIT ORGAN.
CONSUMER EXPENDITURE - GROSS IMPUTED RENT
CONSUMER EXPENDITURE - GROSS RENT PAID
CONSUMER EXPENDITURE - OTHER LODGING
CONSUMER EXPENDITURE - OTHER AUTO RELATED SERVICES
CONSUMER EXPENDITURE - PURCHASED TRANSPORTATION
CONSUMER EXPENDITURE - COMMUNICATIONS
AVERAGE OF CONVENTIONAL & N.H.A. MORTGAGE RATES
HOSP GOVT EXPND - GDS & SRVS, DEPRECIATION
HOSP GOVT EXPND - GDS & SRVS, NET OF DEPRECIATION
HOSP GOVT EXPND - GDS & SRVS, I/O OTHER
HOSP GOVT EXPND - GDS & SRVS, I/O VALUE ADDED
PROV GOVT EXPND - GDS & SRVS, MEDICARE
DEFLATOR PROV GOVT EXPND - GDS & SRVS, MEDICARE
DUMMY VARIABLE - SECTOR DEFULATOR, BUS, TOTAL N.A.
SECTOR DEFULATOR, INDIRECT BUS TAXES - NONCOMMODITIES
SECTOR DEFULATOR, ELECTRICAL PROD INDST
SECTOR DEFULATOR, PET & COAL PROD INDST
SECTOR DEFULATOR, MISC MANUFACTURING INDST
SECTOR DEFULATOR, CRD.PET NAT'L GAS & SRVS, INCID TO MIN
SECTOR DEFULATOR, COMMERCIAL SERVICES INDST
SECTOR DEFULATOR, WHOLESALE & RETAIL TRADE INDST
SECTOR DEFULATOR, TRANSPORTATION INDST
SECTOR DEFULATOR, UTILITY INDST
GERMANY - CONSUMER PRICE INDEX
GERMANY - EXCHANGE RATE - CDN DOLLARS PER MARK
UNITED KINGDOM - CONSUMER PRICE INDEX
UNITED KINGDOM - EXCHANGE RATE - CDN \$ PER BRITISH POUND
U.S.- IMPL DEFL, PERS CONSUMP EXPND, NONDUR, CLOTH & SHO
U.S.- IMPL DEFL, PERS CONSUMP EXPND, NONDUR, FOOD
U.S.- IMPL DEFL, PERS CONSUMP EXPND, SERVICES, HOUSING
U.S.- IMPL DEFL, PERS CONSUMP EXPND, SERVICES, OTHER
U.S.- IMPL DEFL, PERS CONSUMP EXPND, SERVICES, TOTAL

VARIABLES EXOGENOUS TO THE CONSUMPTION PRICE BLOCK

DUMMY VARIABLE	- FINAL DEMAND	PRICE BLOCK
DUMMY VARIABLE	- FINAL DEMAND	PRICE BLOCK
DUMMY VARIABLE	- FINAL DEMAND	PRICE BLOCK
DUMMY VARIABLE	- FINAL DEMAND	PRICE BLOCK
DUMMY VARIABLE	- FINAL DEMAND	PRICE BLOCK
DEFLATOR CONS EXPND	- GIFTS IN KIND	(NET)
DUMMY VARIABLE	- FINAL DEMAND	PRICE BLOCK

CSF500
CSB600
CSR100
CSR200
CSR300
CSF400
CST500
CST600
FRWC
GEH.CGS.CCA\$
GEH.CGS.GS\$
GEH.IO.OTH
GEH.I.O.VA
GEH.CGS.MED
PFCEP.CGS.MED
PFCEINAB
PDXDMMY74
PXBITNCD
PXMFDR31.39
PXMFND365.69
PXMFND391.99
PXMICP64+96.9
PXSCVM
PXRADP602.99
PXRADP501.27
PXUTIL572.79
ZGFRCEI
ZGFRREX
ZUKCPI
ZUKREX
ZUSPDCEG
ZUSPDCEH
ZUSPDCEI
ZUSPDCEJ
ZUSPDCEK

TIME	PFCSA13	PFDM730N	PFDM7174	PFDM6670	PFDM6170	PFDM5770
E	E	E	E	E	E	E

VARIABLES ENDOGENOUS TO THE CONSUMPTION PRICE BLOCK (BOTH BEHAVIOURAL & IDENTITIES)

DEFLATOR	CONS	EXPND	- RECREATION SPORT & CAMP EQUIP	PFCDL10	B
DEFLATOR	CONS	EXPND	- FURNITURE & CARPETS	PFCDH10	B
DEFLATOR	CONS	EXPND	- HOUSEHOLD APPLIANCES	PFCDH20	B
DEFLATOR	CONS	EXPND	- NEW & USED NET AUTO	PFCDT10	B
DEFLATOR	CONS	EXPND	- REPAIR & PARTS	PFCDT20	B
DEFLATOR	CONS	EXPND	- MEN'S & BOYS' CLOTHING	PFCHC10	B
DEFLATOR	CONS	EXPND	- WOMEN'S GIRLS' & INFANTS' WEAR	PFCHC20	B
DEFLATOR	CONS	EXPND	- FOOTWEAR & REPAIR	PFCHC30	B
DEFLATOR	CONS	EXPND	- BOOKS NEWSPAPERS & MAGAZINES	PFCHC20	B
DEFLATOR	CONS	EXPND	- SEMI-DURABLE HLDL FURNISHINGS	PFCHH30	B
DEFLATOR	CONS	EXPND	- JEWELLERY WATCHES & REPAIRS	PFCHP10	B
DEFLATOR	CONS	EXPND	- FOOD & NONALCOHOLIC BEVERAGES	PFCHP10	B
DEFLATOR	CONS	EXPND	- ALCOHOLIC BEVERAGES	PFCHP20	B
DEFLATOR	CONS	EXPND	- TOBACCO	PFCHP30	B
DEFLATOR	CONS	EXPND	- NONDURABLES HLDL SUPPLIES	PFCHH40	B
DEFLATOR	CONS	EXPND	- DRUGS & SUNDRIES	PFCHM40	B
DEFLATOR	CONS	EXPND	- TOILET ARTICLES & COSMETICS	PFCHP20	B
DEFLATOR	CONS	EXPND	- ELECTRICITY	PFCHR40	B
DEFLATOR	CONS	EXPND	- GAS	PFCHR50	B
DEFLATOR	CONS	EXPND	- OTHER FUELS	PFCHR60	B
DEFLATOR	CONS	EXPND	- GASOLINE OIL & GREASE	PFCHT30	B
DEFLATOR	CONS	EXPND	- RECREATIONAL SERVICES	PFCHS30	B
DEFLATOR	CONS	EXPND	- EDUCATION & CULTURAL SRVS	PFCHS40	B
DEFLATOR	CONS	EXPND	- LAUNDRY & DRY CLEANING	PFCHS50	B
DEFLATOR	CONS	EXPND	- DOMESTIC SERVICES	PFCHS60	B
DEFLATOR	CONS	EXPND	- OTHER HLDL SERVICES	PFCHS70	B
DEFLATOR	CONS	EXPND	- MEDICAL CARE	PFCHM10	B
PSEUDO PRICE FOR FINAL DEMAND CAT PCSCM29				PF21.78.79	=
DEFLATOR	CONS	PLUS GOVT EXPND	- HOSPITALS	PFCSM29	B
DEFLATOR	CONS	EXPND	- OTHER MEDICAL CARE EXPENSES	PFCSM30	B
DEFLATOR	CONS	EXPND	- PERSONAL CARE	PFCSM30	B
DEFLATOR	CONS	EXPND	- EXPND ON RESTAURANTS & HOTELS	PFCSM40	B
DEFLATOR	CONS	EXPND	- FINANCIAL LEGAL & OTHER SERVICES	PFCSM50	B
DEFLATOR	CONS	EXPND	- OP. EXP OF NONPROFIT ORGAN	PFCSM60	B
DEFLATOR	CONS	EXPND	- GROSS IMPUTED RENT	PFCSR10	B
DEFLATOR	CONS	EXPND	- GROSS RENT PAID	PFCSR20	B
DEFLATOR	CONS	EXPND	- OTHER LODGING	PFCSR30	B
DEFLATOR	CONS	EXPND	- OTHER AUTO RELATED SERVICES	PFCSR40	B
DEFLATOR	CONS	EXPND	- PURCHASED TRANSPORTATION	PFCSR50	B
DEFLATOR	CONS	EXPND	- COMMUNICATIONS	PFCSR60	B
DEFLATOR	CONS	EXPND	- NEW PASSENGER CARS	PFCDT11	B
DEFLATOR	CONS	EXPND	- WTD AVERAGE TRAVEL EXPND SRVS	ZUSPFCSCall	=

DEFLATOR CONS EXPND - TRAVEL EXPND SRVS	PFCSA11	B	=	0.94 * ((ZGFRCP1 / ZGFRCP1(1971)) * (ZGFRREX / ZGFRREX(1971))) + 0.06 * ((ZUKCPI / ZUKCPI(1971)) * (ZUKREX / ZUKREX(1971)))
DEFLATOR CONS EXPND - WTD AVERAGE MILITARY PAY ALLOW ABRD	ZGFRUKPFCSA12			
DEFLATOR CONS EXPND - MILITARY PAY & ALLOW ABRD	PFCSA12	B	=	0.1 * PFCSE30 + 0.1 * ((CHC10\$ + CHC20\$ + CHC30\$) + 0.1 * PFCST50 + 0.2 * PFCNT30 + 0.5 * PFCSP40
PSEUDO PRICE FOR FINAL DEMAND CAT PFCSA14	PFCSA14E			
DEFLATOR CONS EXPND - TRAVEL EXPND RECEIPTS	PFCSA14	B	=	CDE10 * PFCDE10
DEFLATOR CONS EXPND - DENTIST (GROSS FEES)	PFCSM12	B	=	CDH10 * PFCDH10
DEFLATOR CONS EXPND - OTHER HEALTH PRACT (GROSS FEES)	PFCSM13	B	=	CDH20 * PFCDH20
CONSUMER EXPND - REC SPORT & CAMP EQUIP	CDE10\$		=	CDT10 * PFCDT10
CONSUMER EXPND - FURNITURE & CARPETS	CDH10\$		=	CDT20 * PFCDT20
CONSUMER EXPND - HOLD APPLIANCES	CDH20\$		=	CHC10 * PFCCH10
CONSUMER EXPND - NEW & USED NET AUTO	CDT10\$		=	CHC20 * PFCCH20
CONSUMER EXPND - REPAIR & PARTS	CDT20\$		=	CHC30 * PFCCH30
CONSUMER EXPND - MEN'S & BOYS' CLOTHING	CHC10\$		=	CHP10 * PFCCHP10
CONSUMER EXPND - WOMEN'S GIRLS' & INFANTS' WEAR	CHC20\$		=	CHP20 * PFCCHP20
CONSUMER EXPND - FOOTWEAR & REPAIR	CHC30\$		=	CHP30 * PFCCHP30
CONSUMER EXPND - BOOKS NEWSPAPERS & MAGAZINES	CHC20\$		=	CHP40 * PFCCHP40
CONSUMER EXPND - SEMI-DURABLE HOLD FURNISHINGS	CHC30\$		=	CHP50 * PFCCHP50
CONSUMER EXPND - JEWELLERY WATCHES & REPAIRS	CHP10\$		=	CHP60 * PFCCHP60
CONSUMER EXPND - FOOD & NON-ALCOHOLIC BEVERAGES	CHP20\$		=	CHP70 * PFCCHP70
CONSUMER EXPND - ALCOHOLIC BEVERAGES	CHP30\$		=	CHP80 * PFCCHP80
CONSUMER EXPND - TOBACCO	CHP40\$		=	CHP90 * PFCCHP90
CONSUMER EXPND - NONDURABLES HOLD SUPPLIES	CHP50\$		=	CHP100 * PFCCHP100
CONSUMER EXPND - DRUGS & SUNDRIES	CHP60\$		=	CHP110 * PFCCHP110
CONSUMER EXPND - TOILET ARTICLES & COSMETICS	CHP70\$		=	CHP120 * PFCCHP120
CONSUMER EXPND - ELECTRICITY	CHP80\$		=	CHP130 * PFCCHP130
CONSUMER EXPND - GAS	CHP90\$		=	CHP140 * PFCCHP140
CONSUMER EXPND - OTHER FUELS	CHP100\$		=	CHP150 * PFCCHP150
CONSUMER EXPND - GASOLINE OIL & GREASE	CHP110\$		=	CHP160 * PFCCHP160
CONSUMER EXPND - RECREATIONAL SRVS	CHP120\$		=	CHP170 * PFCCHP170
CONSUMER EXPND - EDUCATION & CULTURAL SRVS	CHP130\$		=	CHP180 * PFCCHP180
CONSUMER EXPND - LAUNDRY & DRY CLEANING	CHP140\$		=	CHP190 * PFCCHP190
CONSUMER EXPND - DOMESTIC SERVICES	CHP150\$		=	CHP200 * PFCCHP200
CONSUMER EXPND - OTHER HOLD SERVICES	CHP160\$		=	CHP210 * PFCCHP210
CONSUMER EXPND - MEDICAL CARE	CHP170\$		=	CHP220 * PFCCHP220
PROV GOVT EXPND - CURNT GDS & SRVS, MEDICARE	CHP180\$		=	CHP230 * PFCCHP230
CONSUMER PLUS GOVERNMENT EXPENDITURE - HOSPITALS	CHP190\$		=	CHP240 * PFCCHP240
CONSUMER EXPENDITURE - OTHER MEDICAL CARE EXPENSES	CHP200\$		=	CHP250 * PFCCHP250
CONSUMER EXPENDITURE - PERSONAL CARE	CHP210\$		=	CHP260 * PFCCHP260
CONSUMER EXPENDITURE - EXPENDITURE ON RESTAURANTS AND HOTELS	CHP220\$		=	CHP270 * PFCCHP270
CONSUMER EXPENDITURE - FINANCIAL LEGAL AND OTHER SERVICES	CHP230\$		=	CHP280 * PFCCHP280
CONSUMER EXPENDITURE - OP. EXP. OF NONPROFIT ORG.	CHP240\$		=	CHP290 * PFCCHP290
CONSUMER EXPENDITURE - GROSS IMPUTED RENT	CHP250\$		=	CHP300 * PFCCHP300
CONSUMER EXPENDITURE - GROSS RENT PAID	CHP260\$		=	CHP310 * PFCCHP310
CONSUMER EXPENDITURE - OTHER LODGING	CHP270\$		=	CHP320 * PFCCHP320
CONSUMER EXPENDITURE - OTHER AUTO RELATED SERVICES	CHP280\$		=	CHP330 * PFCCHP330
CONSUMER EXPENDITURE - PURCHASED TRANSPORTATION	CHP290\$		=	CHP340 * PFCCHP340
CONSUMER EXPENDITURE - COMMUNICATIONS	CHP300\$		=	CHP350 * PFCCHP350
CONSUMER EXPENDITURE - NEW PASSENGER CARS	CHP310\$		=	CHP360 * PFCCHP360
CONSUMER EXPENDITURE - TRAVEL EXPENDITURE SERVICES	CHP320\$		=	CHP370 * PFCCHP370
CONSUMER EXPENDITURE - MILITARY PAY AND ALLOWANCES ABROAD	CHP330\$		=	CHP380 * PFCCHP380
CONSUMER EXPENDITURE - GIFTS IN KIND (NET)	CHP340\$		=	CHP390 * PFCCHP390
CONSUMER EXPENDITURE - TRAVEL EXPENDITURE RECEIPTS	CHP350\$		=	CHP400 * PFCCHP400
CONSUMER EXPENDITURE - DENTISTS (GROSS FEES)	CHP360\$		=	CHP410 * PFCCHP410
CONSUMER EXPENDITURE - OTHER HEALTH PRACT (GROSS FEES)	CHP370\$		=	CHP420 * PFCCHP420

HOSP GOV'T EXPND - GDS & SRVS, TOTAL	GEH.CGS\$	GEH.CGS.CCASH + GEH.CGS.CSSH
CONSUMER EXPENDITURE - USED (NET) AUTOMOBILES	CDTI12\$	CDTI10\$ - CDTI11\$
DEFLATOR CONS EXPEND - TOTAL DURABLE GOODS AS PER NAT. ACC.	PFCDCDI12	CDTI12\$ / CDTI12
CONSUMER EXPENDITURE - TOTAL DURABLE GOODS AS PER NAT. ACC.	CD\$	CDEI10\$ + CDH10\$ + CDH20\$ + CDTI10\$ + CDT20\$
DEFLATOR CONS EXPEND - TOTAL DURABLE GOODS AS PER NAT. ACC.	PFCDC	CD\$ / CD
CONSUMER EXPENDITURE - TOTAL SEMI-DURABLES AS PER NAT. ACC.	CH\$	CHC10\$ + CHC20\$ + CHC30\$ + CHE20\$ + CHH30\$ + CHPL0\$
DEFLATOR CONS EXPEND - TOTAL SEMI-DURABLES AS PER NAT. ACC.	PFCCH	CH\$ / CH
CONSUMER EXPENDITURE - TOTAL NONDURABLES AS PER NAT. ACC.	CN\$	CNF10\$ + CNF20\$ + CNF30\$ + CNH40\$ + CNM40\$ + CNP20\$ + CNR40\$ + CNR50\$ + CNR60\$ + CNT30\$
DEFLATOR CONS EXPEND - TOTAL NONDURABLES AS PER NAT. ACC.	PFCN	CN\$ / CN
CONSUMER EXPENDITURE - NET EXPENDITURE ABROAD	CSA10\$	CSA11\$ + CSA12\$ + CSA13\$ - CSA14\$
CONSUMER EXPENDITURE - DOCTORS (GROSS FEES)	CSM11\$	CSM10\$ - CSM12\$ - CSM13\$
DEFLATOR CONS EXPEND - DOCTORS (GROSS FEES)	PFCSCM11	CSM11\$ / CSM11
CONSUMER PLUS GOVERNMENT EXPENDITURE - DOCTORS	CSM19\$	CSM11\$ + GEP.CGS.MED\$
DEFLATOR CONSUMER PLUS GOVERNMENT EXPENDITURE - DOCTORS	PFCSCM19	CSM19\$ / CSM19
CONSUMER EXPENDITURE - HOSPITAL CARE AND THE LIKE	CSM20\$	CSM29\$ - GEH.CGS\$
DEFLATOR CONS EXPEND - HOSPITAL CARE AND THE LIKE	PFCSCM20	CSM20\$ / CSM20
CONSUMER EXPENDITURE - TOTAL SERVICES AS PER NAT. ACC.	CS\$	CSA10\$ + CSE30\$ + CSE40\$ + CSH50\$ + CSH10\$ + CSH70\$ + CSP50\$ + CSM20\$ + CSM30\$ + CSP30\$ + CSP40\$ + CSP60\$ + CSRI0\$ + CSK20\$ + CSR30\$ + CST40\$ + CST50\$ + CST60\$
DEFLATOR CONS EXPEND - TOTAL SERVICES AS PER NAT. ACC.	PFC\$	CS\$ / CS
CONSUMER EXPENDITURE - TOTAL	CS\$	CD\$ + CH\$ + CN\$ + CS\$
DEFLATOR CONS EXPEND - TOTAL	PFC	CS\$ / C
PRICE INDEX - HOME OWNERSHIP	PFCOWIX	
CONSUMER PRICE INDEX	CPI	

B
B

Equation No.: 929

Name: Deflator, Consumer Expenditures, Recreation, Sport
and Camping Equipment

Mnemonic: PFCDE10

Period: 1961-74

((PFCDE10 / PFCDE10(-1)) - 1) * 100 - ((PF30 / PF30(-1)) - 1) * 100

<p>= + 1.04316 (7.87)</p>	<p>(((((PXMFD331.39 * .19965) + (PXMFD391.99 * .22991) + (PXTRAD602.99 * .17951)) / ((PXMFD331.39(-1) * .19965) + (PXMFD391.99(-1) * .22991) + (PXTRAD602.99(-1) * .17951))) - .1) * 100 - ((PF30 / PF30(-1)) - 1) * 100))</p>
<p>- 4.09441 (6.90)</p>	<p>PF307174</p>

$\bar{R}^2 = .875$

SEE = 1.176

D.W. = 2.371

Equation No.: 930

Name: Deflator, Consumer Expenditures, Furniture and Carpets

Mnemonic: PFCDH10

Period: 1960-74

PFCDH10 / PF13

= + .22932
(0.78)

- .00040502 (PFCDH10 * TIME)
(2.46)

+ sum(i=1,4)b(i) (PFCDH10(-i) / PF13(-i))

i	b(i)	t(i)
1	+.62473	(3.71)
2	+.33722	(4.29)
3	+.049722	(0.48)
4	-.23778	(1.17)

sum +.77389 (2.72)

(1,4,NONE)

$\bar{R}^2 = .874$

SEE = .0130

D.W. = 1.459

Equation No.: 931

Name: Deflator, Consumer Expenditures, Household Appliances

Mnemonic: PFCDH20

Period: 1956-74

PFCDH20 - PF14

= - 1.30046
(12.51)

- .071660 PXDUMMY74
(1.83)

+ 90.81830 1 / TIME
(13.68)

$\bar{R}^2 = .929$

SEE = .0356

D.W. = .615

Equation No.: 932

Name: Deflator, Consumer Expenditures, New and Used Automobiles

Mnemonic: PFCDT10

Period: 1958-74

PFCDT10 - PF24

= + .60579
(2.64)

+ 1.02765 (PFCDT10(-1) - PF24(-1))
(4.22)

- .52543 (PFCDT10(-2) - PF24(-2))
(2.52)

- .0088553 TIME
(2.70)

$\bar{R}^2 = .958$

SEE = .0193

D.W. = 2.133

Equation No.: 933

Name: Deflator, Consumer Expenditures, Repair and Parts

Mnemonic: PFCDT20

Period: 1956-74

PFCDT20 - PF25

= + .69891 (PXSVCN - PF25)
(11.93)

- .052569 PFDUM7174
(4.38)

$\bar{R}^2 = .576$

SEE = .0239

D.W. = .713

Equation No.: 934

Name: Deflator, Consumer Expenditures, Men's and Boys' Clothing

Mnemonic: PFCHC10

Period: 1959-74

PFCHC10 - PF04

= - .0067341
(1.32)

+ sum(i=1,3)b(i) (PFCHC10(-i) - PF04(-i))

i	b(i)	t(i)
1	+1.85481	(6.00)
2	-.61629	(1.23)
3	-.47398	(1.09)

sum +.76454 (1.85)

(2,3,NONE)

$\bar{R}^2 = .746$

SEE = .0164

D.W. = 2.195

Equation No.: 935

Name: Deflator, Consumer Expenditures, Women's, Girls' and
Infants' Wear

Mnemonic: PFCHC20

Period: 1957-74

PFCHC20 - PF05 - (PFCHC20(-1) - PF05(-1))

= - .012213
(1.23)

+ .012933 PFDUM6170
(1.10)

- .027546 PFDUM7174
(1.96)

$\bar{R}^2 = .367$

SEE = .0199

D.W. = 1.739

Equation No.: 936

Name: Deflator, Consumer Expenditures, Footwear and Repair

Mnemonic: PFCHC30

Period: 1956-74

PFCHC30 - PF06

= + .47348
(8.75)

- .17427 PXDUMMY74
(8.55)

- 34.53140 1 / TIME
(9.99)

$\bar{R}^2 = .875$

SEE = .0186

D.W. = .607

Equation No.: 937

Name: Deflator, Consumer Expenditures, Books, Newspapers, and
Magazines

Mnemonic: PFCHE20

Period: 1958-74

PFCHE20 / PF31

= + .098931
(0.85)

+ 1.24148 (PFCHE20(-1) / PF31(-1))
(3.67)

- .70804 (PFCHE20(-2) / PF31(-2))
(2.06)

+ .0044933 TIME
(1.23)

$\bar{R}^2 = .830$

SEE = .0337

D.W. = 1.625

Equation No.: 938

Name: Deflator, Consumer Expenditures, Semi-Durables
Household Furnishings

Mnemonic: PFCHH30

Period: 1958-74

PFCHH30 / PF15

= + .32882
(2.28)

+ 1.07423 (PFCHH30(-1) / PF15(-1))
(3.75)

- .56151 (PFCHH30(-2) / PF15(-2))
(1.97)

+ .0019702 TIME
(1.31)

$\bar{R}^2 = .763$

SEE = .0156

D.W. = 1.891

Equation No.: 939

Name: Deflator, Consumer Expenditures, Jewellery, Watches
and Repair

Mnemonic: PFCHP10

Period: 1957-74

PFCHP10 - PF34

= - .20892
(1.93)

+ .54473 (PFCHP10(-1) - PF34(-1))
(2.57)

+ .0028956 TIME
(1.92)

$\bar{R}^2 = .724$

SEE = .0207

D.W. = 1.770

Equation No.: 940

Name: Deflator, Consumer Expenditures, Food and Nonalcoholic
Beverages

Mnemonic: PFCNF10

Period: 1959-74

PFCNF10 / PF01

```
= + .58139
   (2.36)

- .028223      PFDUM6170
  (2.54)

+ .033697      PFDUM6670
  (4.17)

- .036218      PFDUM7174
  (2.66)

+ sum(i=1,3)b(i)  (PFCNF10(-i) / PF01(-i))
```

i	b(i)	t(i)
1	-.18376	(0.80)
2	+.14531	(1.75)
3	+.47439	(2.11)
sum	+.43593	(1.75)
(1,3,NONE)		

$\bar{R}^2 = .730$

SEE = .0089262

D.W. = 1.756

Equation No.: 941

Name: Deflator, Consumer Expenditures, Alcoholic Beverages

Mnemonic: PFCNF20

Period: 1956-74

PFCNF20 - PF02

= - .37502
(6.83)

+ 25.9846 1 / TIME
(7.47)

- .12665 PFDUM73ON
(8.48)

$\bar{R}^2 = .932$

SEE = .0174

D.W. = 2.114

Equation No.: 942

Name: Deflator, Consumer Expenditures, Tobacco

Mnemonic: PFCNF30

Period: 1957-74

$((\text{PFCNF30} / \text{PFCNF30}(-1)) - 1) * 100 - ((\text{PF03} / \text{PF03}(-1)) - 1) * 100$

= + .018735 (PFDUM6670 * TIME)
(2.97)

- .018279 (PFDUM7174 * TIME)
(2.76)

$\bar{R}^2 = .480$

SEE = .960

D.W. = 1.171

Equation No.: 943

Name: Deflator, Consumer Expenditures, Non-Durables Household
Supplies

Mnemonic: PFCNH40

Period: 1957-74

$((\text{PFCNH40} / \text{PFCNH40}(-1)) - 1) * 100$

= + .95362 $((\text{PF16} / \text{PF16}(-1)) - 1) * 100$
(5.49)

- .41418 $((\text{PF16} / \text{PF16}(-1)) - 1) * 100 * \text{PFDUM7174}$
(2.30)

$\bar{R}^2 = .801$

SEE = 1.299

D.W. = 1.985

Equation No.: 944

Name: Deflator, Consumer Expenditures, Drugs and Sundries

Mnemonic: PFCNM40

Period: 1958-74

PFCNM40 - PF23

= + .69410
(1.66)

+ 1.25783 (PFCNM40(-1) - PF23(-1))
(3.21)

- .62082 (PFCNM40(-2) - PF23(-2))
(1.68)

- .010175 TIME
(1.74)

$\bar{R}^2 = .921$

SEE = .0354

D.W. = 1.312

Equation No.: 945

Name: Deflator, Consumer Expenditures, Toilet Articles and Cosmetics

Mnemonic: PFCNP20

Period: 1956-74

PFCNP20 - PF35

= - 6.67152 (PFDUM5770 / TIME)
(7.27)

- 12.35530 (PFDUM730N / TIME)
(4.37)

$\bar{R}^2 = .201$

SEE = 0.0544

D.W. = 1.101

Equation No.: 946

Name: Deflator, Consumer Expenditures, Electricity

Mnemonic: PFCNR40

Period: 1957-74

PFCNR40 / PF10

= + .24347
(1.95)

+ .37167 (PFCNR40(-1) / PF10(-1))
(1.42)

+ .0050897 TIME
(1.92)

$\bar{R}^2 = .696$

SEE = .0294

D.W. = 1.382

Equation No.: 947

Name: Deflator, Consumer Expenditures, Gas

Mnemonic: PFCNR50

Period: 1957-74

((PFCNR50 / PFCNR50(-1)) - 1) * 100 - ((PF11 / PF11(-1)) - 1) * 100

= + 12.57380
(1.30)

+ 1.71214
(8.07)

(((((PXMICP64+96.9 * .24954)
+ (PXTRSP501.27 * .18984)
+ (PXUTIL572.79 * .54114))
/ (.24954 + .18984 + .54114))
/ (((PXMICP64+96.9(-1) * .24954)
+ (PXTRSP501.27(-1) * .18984)
+ (PXUTIL572.79(-1) * .54114)) / (.24954
+ .18984 + .54114))) - 1) * 100 - ((PF11
/ PF11(-1)) - 1) * 100)

- .20779
(1.39)

TIME

$\bar{R}^2 = .846$

SEE = 2.953

D.W. = 1.347

Equation No.: 948

Name: Deflator, Consumer Expenditures, Other Fuels

Mnemonic: PFCNR60

Period: 1960-74

PFCNR60 - (((PXMEND365.69 * .62539) + (PXTRAD602.99 * .28046))
/ (.62539 + .28046))

= + 47.43740 ((PF12 - (((PXMEND365.69 * .62539)
(8.10) + (PXTRAD602.99 * .28046))
/ (.62539 + .28046))) / TIME)

+ .041173 PFDUM7174
(2.35)

- .24358 PXDUMMY74
(5.25)

$\bar{R}^2 = .872$

SEE = .0291

D.W. = 1.094

Equation No.: 949

Name: Deflator, Consumer Expenditures, Gasoline, Oil, and Grease

Mnemonic: PFCNT30

Period: 1957-74

PFCNT30 / PF26

= - 2.04106
(1.22)

+ .97853 (PFCNT30(-1) / PF26(-1))
(2.51)

+ .064496 TIME
(1.52)

- .00050275 TIME * TIME
(1.57)

$\bar{R}^2 = .408$

SEE = .0262

D.W. = 1.829

Equation No.: 950

Name: Deflator, Consumer Expenditures, Recreational Services

Mnemonic: PFCSE30

Period: 1958-74

PFCSE30 - PF32

= - .013499
(1.74)

+ 1.26265 (PFCSE30(-1) - PF32(-1))
(3.85)

- .60340 (PFCSE30(-2) - PF32(-2))
(1.97)

$\bar{R}^2 = .547$

SEE = .0204

D.W. = 1.658

Equation No.: 951

Name: Deflator, Consumer Expenditures, Educational and
Cultural Services

Mnemonic: PFCSE40

Period: 1957-74

PFCSE40 - PF33

= - .0020807
(0.38)

+ .28960 (PFCSE40(-1) - PF33(-1))
(1.14)

- .028158 PFDUM6170
(2.24)

+ .019424 PFDUM6670
(1.91)

$\bar{R}^2 = .503$

SEE = .0155

D.W. = 2.037

Equation No.: 952

Name: Deflator, Consumer Expenditures, Laundry and
Dry Cleaning

Mnemonic: PFCSH50

Period: 1958-74

PFCSH50 - PF17

= + .051789
(2.65)

+ 1.06176 (PFCSH50(-1) - PF17(-1))
(3.76)

- .79672 (PFCSH50(-2) - PF17(-2))
(1.90)

- .012410 PFDUM6170
(1.44)

- .012933 PFDUM6670
(1.97)

- .061762 PFDUM7174
(3.21)

$\bar{R}^2 = .931$

SEE = .00987

D.W. = 2.471

Equation No.: 953

Name: Deflator, Consumer Expenditures, Domestic Services

Mnemonic: PFCSH60

Period: 1957-74

PFCSH60 - PF18

= + .15172
(3.12)

+ .80438 (PFCSH60(-1) - PF18(-1))
(5.64)

- .0022835 TIME
(3.25)

$\bar{R}^2 = .841$

SEE = .0128

D.W. = 2.124

Equation No.: 954

Name: Deflator, Consumer Expenditures, Other Household Services

Mnemonic: PFCSH70

Period: 1957-74

PFCSH70 - PF19

= - .20062
(1.64)

+ .83925 (PFCSH70(-1) - PF19(-1))
(5.00)

+ .0030517 TIME
(1.78)

$\bar{R}^2 = .911$

SEE = .0188

D.W. = 2.251

Equation No.: 955

Name: Deflator, Consumer Expenditures, Medical Care

Mnemonic: PFCSM10

Period: 1958-74

PFCSM10 / PF20

= + .44689
(3.10)

+ .92901 (PFCSM10(-1) / PF20(-1))
(3.58)

- .69121 (PFCSM10(-2) / PF20(-2))
(2.62)

+ .0037153 TIME
(1.84)

$\bar{R}^2 = .709$

SEE = .0196

D.W. = 1.956

Equation No.: 957

Name: Deflator, Consumer Plus Government Expenditures, Hospitals

Mnemonic: PFCSM29

Period: 1957-74

(PFCSM29 - PF21.78.79) - (PFCSM29(-1) - PF21.78.79(-1))

= - .15245
(2.02)

+ .0023551 TIME
(2.05)

$\bar{R}^2 = .159$

SEE = .025

D.W. = 1.385

Equation No.: 959

Name: Deflator, Consumer Expenditures, Other Medical Care
Expenses

Mnemonic: PFCSM30

Period: 1958-74

PFCSM30 - PF22

= - .39239
(2.36)

+ 1.12426 (PFCSM30(-1) - PF22(-1))
(4.24)

- .35237 (PFCSM30(-2) - PF22(-2))
(1.25)

+ .0056510 TIME
(2.45)

$\bar{R}^2 = .963$

SEE = .0209

D.W. = 2.009

Equation No.: 960

Name: Deflator, Consumer Expenditures, Personal Care

Mnemonic: PFCSP30

Period: 1957-74

PFCSP30 - PF36

= + .087623
(0.56)

+ .99068 (PFCSP30(-1) - PF36(-1))
(3.29)

- .0012899 TIME
(0.59)

$\bar{R}^2 = .807$

SEE = .0155

D.W. = 1.377

Equation No.: 961

Name: Deflator, Consumer Expenditures on Restaurants and Hotels

Mnemonic: PFCSP40

Period: 1957-74

PFCSP40 / PF37

= - .044642
(0.68)

+ .90753 (PFCSP40(-1) / PF37(-1))
(7.91)

+ .0021370 TIME
(2.50)

$\bar{R}^2 = .963$

SEE = .00911

D.W. = 1.499

Equation No.: 962

Name: Deflator, Consumer Expenditures, Financial, Legal, and
Other Services

Mnemonic: PFCSP50

Period: 1958-74

PFCSP50 / PF38

= - .31313
(3.33)

+ .29121 (PFCSP50(-1) / PF38(-1))
(0.91)

- .98693 (PFCSP50(-2) / PF38(-2))
(3.32)

+ .027900 TIME
(4.51)

$\bar{R}^2 = .929$

SEE = .0257

D.W. = 1.557

Equation No.: 963

Name: Deflator, Consumer Expenditures, Operational Expenditure
of Nonprofit Organizations

Mnemonic: PFCSP60

Period: 1957-74

PFCSP60 - PF39

= - .26483
(2.21)

+ .62166 (PFCSP60(-1) - PF39(-1))
(3.00)

+ .0037146 TIME
(2.33)

$\bar{R}^2 = .931$

SEE = .0121

D.W. = 1.897

Equation No.: 964

Name: Deflator, Consumer Expenditures, Gross Imputed Rent

Mnemonic: PFCSR10

Period: 1958-74

PFCSR10 - PF07

= + .30347
(1.79)

+ 1.11782 (PFCSR10(-1) - PF07(-1))
(4.07)

- .50390 (PFCSR10(-2) - PF07(-2))
(1.88)

- .0041915 TIME
(1.80)

$\bar{R}^2 = .967$

SEE = .0107

D.W. = 2.189

Equation No.: 965

Name: Deflator, Consumer Expenditures, Gross Rent Paid

Mnemonic: PFCSR20

Period: 1956-74

PFCSR20 - PF08

= - .64116
(11.28)

- .082060 PXDUMMY74
(4.67)

+ 44.81720 1 / TIME
(12.60)

- .014777 PFDUM7174
(1.22)

$\bar{R}^2 = .959$

SEE = 0.0152

D.W. = 1.231

Equation No.: 966

Name: Deflator, Consumer Expenditures, Other Lodging

Mnemonic: PFCSR30

Period: 1958-74

PFCSR30 - PF09

= + .70265
(2.09)

+ .96261 (PFCSR30(-1) - PF09(-1))
(3.16)

- .69683 (PFCSR30(-2) - PF09(-2))
(2.03)

- .010139 TIME
(2.15)

$\bar{R}^2 = .929$

SEE = .0196

D.W. = 2.242

Equation No.: 967

Name: Deflator, Consumer Expenditures, Other Auto Related Services

Mnemonic: PFCST40

Period: 1958-74

PFCST40 - PF27

= + .0014312
(0.08)

+ .87415 (PFCST40(-1) - PF27(-1))
(3.77)

- .031841 (PFCST40(-2) - PF27(-2))
(0.08)

+ .0020133 PFDUM6170
(0.14)

- .043601 PFDUM7174
(2.00)

$\bar{R}^2 = .776$

SEE = .0203

D.W. = 2.206

Equation No.: 968

Name: Deflator, Consumer Expenditures, Purchased Transportation

Mnemonic: PFCST50

Period: 1958-74

PFCST50 - PF28

= - .028186
(0.11)

+ 1.53913 (PFCST50(-1) - PF28(-1))
(5.99)

- .67900 (PFCST50(-2) - PF28(-2))
(2.93)

+ .00018662 TIME
(0.052)

$\bar{R}^2 = .938$

SEE = .0200

D.W. = 2.115

Equation No.: 969

Name: Deflator, Consumer Expenditures, Communications

Mnemonic: PFCST60

Period: 1958-74

PFCST60 - PF29

= + .077796
(5.55)

- .42047 (PFCST60(-1) - PF29(-1))
(1.82)

- .23151 (PFCST60(-2) - PF29(-2))
(1.53)

+ .0098054 PFDUM6170
(1.01)

- .084469 PFDUM6670
(5.62)

- .082072 PFDUM7174
(5.10)

$\bar{R}^2 = .828$

SEE = .0123

D.W. = 2.263

Equation No.: 970

Name: Deflator, Consumer Expenditures, New Passenger Cars

Mnemonic: PFCDT11

Period: 1956-74

PFCDT11

= + .016214
(3.50)

+ .99372 PFCDT10
(176.33)

- .00015114 TIME
(2.91)

$\bar{R}^2 = 1.000$

SEE = .0010

D.W. = 1.130

Equation No.: 971

Name: Deflator, Consumer Expenditures, Travel Expenditure
Services

Mnemonic: PFCSA11

Period: 1956-74

PFCSA11

= - .32993
(3.85)

+ .532344 ZUSPFCSA11
(6.52)

+ .011271 TIME
(4.98)

$\bar{R}^2 = .986$

SEE = .017

D.W. = 1.020

Equation No.: 972

Name: Deflator, Consumer Expenditures, Military Pay and
Allowances Abroad

Mnemonic: PFCSA12

Period: 1956-74

PFCSA12

= + .00079604
(0.069)

+ .99525 ZGFRUKPFCSA12
(76.72)

$\bar{R}^2 = .997$

SEE = .015

D.W. = 1.237

Equation No.: 974

Name: Deflator, Consumer Expenditures, Travel Expenditure Receipts

Mnemonic: PFCSA14

Period: 1956-74

PFCSA14

= + .0055729
(1.36)

+ .99468 PFCSA14E
(205.88)

$\bar{R}^2 = 1.000$

SEE = .0039

D.W. = 1.287

Equation No.: 975

Name: Deflator, Consumer Expenditures, Dentists' Fees

Mnemonic: PFCSM12

Period: 1956-74

PFCSM12

= - .43826
(7.12)

+ .94745 PFCSM10
(24.39)

+ .0071204 TIME
(5.18)

$\bar{R}^2 = .998$

SEE = .0098

D.W. = 1.492

Equation No.: 976

Name: Deflator, Consumer Expenditures, Other Health Practitioners'
Fees

Mnemonic: PFCSM13

Period: 1956-74

PFCSM13

= - .32022
(4.87)

+ .50465 PFCSM10
(12.18)

+ .011651 TIME
(7.94)

$\bar{R}^2 = .996$

SEE = .010

D.W. = 1.017

Equation No.: 3078

Name: Price Index -- Home Ownership

Mnemonic: PFHOWIX

Period: 1957-74

PFHOWIX

= - .37500
(20.53)

+ .59185 PFRCINAB
(13.34)

+ .11516 PXIBTNCD
(1.51)

+ sum(i=0,3)b(i) FRMC

i	b(i)	t(i)
0	+.0089466	(1.17)
1	+.012210	(2.74)
2	+.019634	(4.71)
3	+.031220	(3.97)

sum +.072010 (7.15)

(2,4,NONE)

$\bar{R}^2 = .998$

SEE = .010

D.W. = 1.492

Equation No.: 2689

Name: Consumer Price Index

Mnemonic: CPI

Period: 1952-76

CPI - CPI(-1)

$$\begin{aligned}
 = & + .98735 \left(\left((2.9135 * PFCDE10) + (2.1024 * PFCDH10) \right. \right. \\
 & (130.04) \quad \left. \left. + (1.4162 * PFCDH20) + (5.6497 * PFCDT10) \right. \right. \\
 & \quad \left. \left. + (1.4137 * PFCDT20) + (3.1109 * PFCHC10) \right. \right. \\
 & \quad \left. \left. + (4.6747 * PFCHC20) + (1.6898 * PFCHC30) \right. \right. \\
 & \quad \left. \left. + (1.2115 * PFCHE20) + (1.2407 * PFCHH30) \right. \right. \\
 & \quad \left. \left. + (0.1583 * PFCHP10) + (20.0156 * PFCNF10) \right. \right. \\
 & \quad \left. \left. + (3.1947 * PFCNF20) + (2.8587 * PFCNF30) \right. \right. \\
 & \quad \left. \left. + (0.7966 * PFCNM40) + (1.5958 * PFCNH40) \right. \right. \\
 & \quad \left. \left. + (1.5077 * PFCNP20) + (1.5370 * PFCNR40) \right. \right. \\
 & \quad \left. \left. + (0.7323 * PFCNR50) + (1.5490 * PFCNR60) \right. \right. \\
 & \quad \left. \left. + (3.3929 * PFCNT30) + (1.1176 * PFCSE30) \right. \right. \\
 & \quad \left. \left. + (0.9183 * PFCSE40) + (0.9818 * PFCSH50) \right. \right. \\
 & \quad \left. \left. + (0.7770 * PFCSH60) + (0.2094 * PFCSH70) \right. \right. \\
 & \quad \left. \left. + (0.8255 * PFCSM12) + (1.2881 * PFCSP30) \right. \right. \\
 & \quad \left. \left. + (4.9678 * PFCSP40) + (8.3351 * PFCSR20) \right. \right. \\
 & \quad \left. \left. + (2.2967 * PFCST40) + (2.4203 * PFCST50) \right. \right. \\
 & \quad \left. \left. + (1.5675 * PFCST60) + (11.5332 * PFHOWIX) \right) / 100 \right) \\
 & - \left((2.9135 * PFCDE10(-1)) + (2.1024 * PFCDH10(-1)) \right. \\
 & \quad \left. + (1.4162 * PFCDH20(-1)) + (5.6497 * PFCDT10(-1)) \right. \\
 & \quad \left. + (1.4137 * PFCDT20(-1)) + (3.1109 * PFCHC10(-1)) \right. \\
 & \quad \left. + (4.6747 * PFCHC20(-1)) + (1.6898 * PFCHC30(-1)) \right. \\
 & \quad \left. + (1.2115 * PFCHE20(-1)) + (1.2407 * PFCHH30(-1)) \right. \\
 & \quad \left. + (0.1583 * PFCHP10(-1)) + (20.0156 * PFCNF10(-1)) \right. \\
 & \quad \left. + (3.1947 * PFCNF20(-1)) + (2.8587 * PFCNF30(-1)) \right. \\
 & \quad \left. + (0.7966 * PFCNM40(-1)) + (1.5958 * PFCNH40(-1)) \right. \\
 & \quad \left. + (1.5077 * PFCNP20(-1)) + (1.5370 * PFCNR40(-1)) \right. \\
 & \quad \left. + (0.7323 * PFCNR50(-1)) + (1.5490 * PFCNR60(-1)) \right. \\
 & \quad \left. + (3.3929 * PFCNT30(-1)) + (1.1176 * PFCSE30(-1)) \right. \\
 & \quad \left. + (0.9183 * PFCSE40(-1)) + (0.9818 * PFCSH50(-1)) \right. \\
 & \quad \left. + (0.7770 * PFCSH60(-1)) + (0.2094 * PFCSH70(-1)) \right. \\
 & \quad \left. + (0.8255 * PFCSM12(-1)) + (1.2881 * PFCSP30(-1)) \right. \\
 & \quad \left. + (4.9678 * PFCSP40(-1)) + (8.3351 * PFCSR20(-1)) \right. \\
 & \quad \left. + (2.2967 * PFCST40(-1)) + (2.4203 * PFCST50(-1)) \right. \\
 & \quad \left. + (1.5675 * PFCST60(-1)) + (11.5332 * PFHOWIX(-1)) \right) \\
 & \quad / 100)
 \end{aligned}$$

$\bar{R}^2 = .997$

SEE = .002

D.W. = 2.053

ANOTHER PLASTITAB PRODUCT BY LOWE-MARTIN COMPANY INC

FINAL DEMAND DEFLATORS
GOVERNMENT PURCHASES OF GOODS AND SERVICES

In our discussion of the final demand side of Candide Model 2.0, we indicated that purchases of government current goods and services are disaggregated by level of government. For federal, provincial, and municipal and local, real government spending is explained by reaction functions. For pension plans (estimated in current dollars) the administrative costs are explained by benefit activity. Goods and services purchased in the hospital accounts (for both public and private) are estimated as demand functions in the consumption block with ratio techniques used to split public from private. We also indicated that a preconverter is used to map demand categories associated with the reaction functions, the pension plan administrative costs and the combined public and private demand functions for health care to a value-added other goods and services accounting framework.

For this reason the government pseudo final demand prices which are returned from the price conversion step, in several cases, must be weighted to conform definitionally with deflators associated with the final demand categories by level of government.

There are other caveats associated with the prices of government final demand categories by level of government. There is only one deflator for federal, provincial, municipal and local, and hospital capital consumption allowances. Also, for other goods and services purchases associated with federal, provincial, local and hospital only one deflator exists. For the remaining expenditure categories by level of government, separate deflators are used and separate stochastic equations have been estimated. In all cases, the deflators associated with the demand categories by level of government depend on the pseudo final demand deflators available from the price conversion step. In total there are 15 separate deflators associated with government expenditures on current goods and services.

In this block there are three equations associated with capital consumption allowances (in current dollars) by level of government. These equations are rate-base calculations estimated in logarithmic form with unitary elasticities. The major explanatory variables in these equations are capital stock by level of government, economic depreciation rates by level of government, and the price deflators for investment goods. The deflators are used to value capital stock.

Once the deflators by level of government are available, the National Accounts identity relating current

dollar value to prices times quantities provides estimates of the nominal values for goods and services categories by level of government. These goods and services categories, when tallied, add to the National Accounts concept of government purchases of goods and services in current dollars.

GOVERNMENT EXPENDITURE CURRENT GOODS & SERVICES PRICE BLOCK

VARIABLES DETERMINED OUTSIDE THE GOVERNMENT EXPENDITURE CURRENT GOODS & SERVICES PRICE BLOCK

GOVT EXPND - CURNT GDS & SRVS, TOTAL	GE.CGS
GOVT EXPND - CURNT GDS & SRVS, DEFENCE, MILITARY PAY	GE.CGS.DMP
GOVT EXPND - CURNT GDS & SRVS, NET OF DEPRECIATION	GE.CGS.GS
GOVT EXPND - CURNT GDS & SRVS, OTHER NET OF DEPRECIATION	GE.CGS.OGS
FED GOVT EXPND - CURNT GDS & SRVS, WAGES & SALARIES, SLI	GE.CGS.WS
FED GOVT EXPND - CURNT GDS & SRVS, TOTAL	GEF.CGS
FED GOVT EXPND - CURNT GDS & SRVS, DEF RESIDUAL	GEF.CGS.DOTH
FED GOVT EXPND - CURNT GDS & SRVS, DEFENCE	GEF.CGS.D
FED GOVT EXPND - CURNT GDS & SRVS, DEF CIV WAGES & SAL	GEF.CGS.DCMS
FED GOVT EXPND - CURNT GDS & SRVS, DEF CAPITAL	GEF.CGS.DINV
FED GOVT EXPND - CURNT GDS & SRVS, DEF MILITARY PAY	GEF.CGS.DMP
FED GOVT EXPND - CURNT GDS & SRVS, NET OF DEPRECIATION	GEF.CGS.GS
FED GOVT EXPND - CURNT GDS & SRVS, NON DEFENCE	GEF.CGS.ND
FED GOVT EXPND - CURNT GDS & SRVS, NON DEFENCE OTHER	GEF.CGS.NDOGS
FED GOVT EXPND - CURNT GDS & SRVS, NONDEFENCE WAGES & SAL	GEF.CGS.NDWS
FED GOVT ECON DEPR - BLDGS OTHER THAN SCHOOLS	GEF.IED.BOS
FED GOVT ECON DEPR - HIGHWAY CONST	GEF.IED.HWY
FED GOVT ECON DEPR - MACH & EQUIP	GEF.IED.ME
FED GOVT ECON DEPR - OTHER ENGINEERING CONST	GEF.IED.OEN
FED GOVT ECON DEPR - RESIDENTIAL	GEF.IED.RES
FED GOVT CAP STOCK - BLDG OTHER THAN SCHOOLS	GEF.K.BOS
FED GOVT CAP STOCK - HIGHWAY CONST	GEF.K.HWY
FED GOVT CAP STOCK - MACH & EQUIP	GEF.K.ME
FED GOVT CAP STOCK - OTHER ENGINEERING CONST	GEF.K.OEN
FED GOVT CAP STOCK - RESIDENTIAL CONST	GEF.K.RES
HOSP GOVT EXPND - GDS & SRVS, TOTAL	GEH.CGS
HOSP GOVT EXPND - GDS & SRVS, DEPRECIATION	GEH.CGS.CCA
HOSP GOVT EXPND - GDS & SRVS, NET OF DEPRECIATION	GEH.CGS.GS
HOSP GOVT EXPND - GDS & SRVS, OTHER NET OF DEPREC	GEH.CGS.OGS
HOSP GOVT EXPND - GDS & SRVS, WAGES & SALARIES, SLI	GEH.CGS.WS
HOSP GOVT EXPND - GDS & SRVS, TOTAL	GEH.CGS\$
LOCAL GOVT EXPND - GDS & SRVS, NET OF DEPREC	GEL.CGS.GS
LOCAL GOVT EXPND - GDS & SRVS, OTHER NET OF DEPREC	GEL.CGS.OGS
LOCAL GOVT EXPND - GDS & SRVS, MUNICIPAL (EX SCHOOLS)	GEL.CGS.WSM
LOCAL GOVT EXPND - GDS & SRVS, WAG & SAL, MUN SCH	GEL.CGS.WSS
LOCAL GOVT ECON DEPR - BLDGS OTHER THAN SCHOOLS	GEL.IED.BOS
LOCAL GOVT ECON DEPR - HIGHWAY CONST	GEL.IED.HWY
LOCAL GOVT ECON DEPR - MACH & EQUIP	GEL.IED.ME
LOCAL GOVT ECON DEPR - OTHER ENGINEERING CONST	GEL.IED.OEN
LOCAL GOVT ECON DEPR - SCHOOLS BLDG CONST	GEL.IED.SCH
LOCAL GOVT CAP STOCK - BLDGS OTHER THAN SCHOOLS	GEL.K.BOS
LOCAL GOVT CAP STOCK - HIGHWAY CONST	GEL.K.HWY
LOCAL GOVT CAP STOCK - MACH & EQUIP	GEL.K.ME
LOCAL GOVT CAP STOCK - OTHER ENGINEERING CONST	GEL.K.OEN
LOCAL GOVT CAP STOCK - SCHOOLS BLDG CONST	GEL.K.SCH
PROV GOVT EXPND - GDS & SRVS, TOTAL	GEP.CGS
PROV GOVT EXPND - GDS & SRVS, NET OF DEPREC	GEP.CGS.GS
PROV GOVT EXPND - GDS & SRVS, MEDICARE	GEP.CGS.MEDS
PROV GOVT EXPND - GDS & SRVS, OTHER	GEP.CGS.OGS
PROV GOVT EXPND - GDS & SRVS, WAGES & SAL, SLI	GEP.CGS.WS
PROV GOVT ECON DEPR - BLDG OTHER THAN SCHOOLS	GEP.IED.BOS
PROV GOVT ECON DEPR - HIGHWAY CONST	GEP.IED.HWY

PROV GOVT ECON DEPR - MACH & EQUIP
PROV GOVT ECON DEPR - OTHER ENGINEERING CONST
PROV GOVT ECON DEPR - SCHOOLS BLDG CONST
PROV GOVT CAP STOCK - BLDG OTHER THAN SCHOOLS
PROV GOVT CAP STOCK - HIGHWAY CONST
PROV GOVT CAP STOCK - MACH & EQUIP
PROV GOVT CAP STOCK - OTHER ENGINEERING CONST
PROV GOVT CAP STOCK - SCHOOLS BLDG CONST
CANADA PENSION PLAN - BENEFITS PAID
QUEBEC PENSION PLAN - BENEFITS PAID
DUMMY VARIABLE - FINAL DEMAND PRICE BLOCK
DUMMY VARIABLE - FINAL DEMAND PRICE BLOCK
DUMMY VARIABLE - FINAL DEMAND PRICE BLOCK
DEFLATOR GOVT EXPND - INVST BLDG CONSTR
DEFLATOR GOVT EXPND - INVST HWY & ROAD CONSTR
DEFLATOR GOVT EXPND - INVST MACH & EQUIP
DEFLATOR GOVT EXPND - INVST OTHER ENG CONSTR
DEFLATOR GOVT EXPND - RESIDENTIAL
DUMMY VARIABLE - SECTOR DEFLATOR, RDP BLOCK
DUMMY VARIABLE - FINAL DEMAND PRICE BLOCK

GEP.IED.ME
GEP.IED.OEN
GEP.IED.SCH
GEP.K.BOS
GEP.K.HWY
GEP.K.ME
GEP.K.OEN
GEP.K.SCH
GEPENC.TPE.BEN\$
GEPENQ.TPE.BEN\$
PFDM6170
PFDM6670
PFDM7174
PFGE.INV.BUILD
PFGE.INV.HWY
PFGE.INV.ME
PFGE.INV.OEN
PFGE.INV.RES
PXDDUMMY74
TIME

VARIABLES ENDOGENOUS TO THE GOVT EXPENDITURE CURRENT GDS & SRVS PRICE BLOCK (BOTH BEHAVIOURAL & IDENTITIES)

PSEUDO PRICE FOR FINAL DEMAND CAT. PFGE.OTH	PF79+81+5+7+9	= 0.02533 * PF79 + 0.23329 * PF81 + 0.30823 * PF85 + 0.17734 * PF87 + 0.25581 * PF89
PSEUDO PRICE FOR FINAL DEMAND CAT. PFGE.CGS.CCA	PF78+80+4+6+8	= 0.10204 * PF78 + 0.19047 * PF80 + 0.17989 * PF84 + 0.23960 * PF86 + 0.28798 * PF88
PSEUDO PRICE FOR FINAL DEMAND CAT. PFGEF.CGS.NDWS	PF78+80+4	= 0.04831 * PF78 + 0.02494 * PF80 + 0.92675 * PF84
PSEUDO PRICE FOR FINAL DEMAND CAT. PFGEF.CGS.WS	PF78+80+8	= 0.11329 * PF78 + 0.29682 * PF80 + 0.58988 * PF88
DEFLAT. FED GOVT EXPND - CURRNT GDS & SRVS, DEPREC	PFGE.OTH	B
DEFLAT. FED GOVT EXPND - CURRNT GDS & SRVS, DEF MIL PAY	PFGE.CGS.CCA	B
DEFLAT. FED GOVT EXPND - CURRNT GDS & SRVS, DEF CAPITAL	PFGEF.CGS.DMP	B
DEFLAT. FED GOVT EXPND - CURRNT GDS & SRVS, DEF RESIDUAL	PFGEF.CGS.DINV	B
DEFLAT. FED GOVT EXPND - CURRNT GDS & SRVS, DEF CIV WAG & SAL	PFGEF.CGS.DOTH	B
DEFLAT. FED GOVT EXPND - CURRNT GDS & SRVS, NONDEF WAG & SAL	PFGEF.CGS.DCMS	B
DEFLAT. PROV GOVT EXPND - CURRNT GDS & SRVS, WAGES & SAL,SLI	PFGEF.CGS.NDWS	B
DEFLAT. PROV GOVT EXPND - CURRNT GDS & SRVS, MEDICARE	PFGEF.CGS.WS	B
DEFLAT. LOCAL GOVT EXPND - CURRNT GDS & SRVS, WAG & SAL MUN SCH	PFGEF.CGS.MED	B
DEFLAT. LOCAL GOVT EXPND - CURRNT GDS & SRVS, MUN (EX SCH)	PFGEF.CGS.WSS	B
DEFLAT. HOSP GOVT EXPND - CURRNT GDS & SRVS, WAGES & SAL,SLI	PFGEF.CGS.WSM	B
DEFLAT. HOSP GOVT EXPND - CURRNT GDS & SRVS, NET OF DEP	PFGEH.CGS.WS	B
QUEBEC PENSION PLAN - ADMINISTRATION COST	PFGEH.CGS.OGS	B
CANADA PENSION PLAN - ADMINISTRATION COST	GPENQ.GSS	B
FED GOVT EXPND - CURRNT GDS & SRVS, NON DEF OTH	GPENQ.GSS	B
FED GOVT EXPND - CURRNT GDS & SRVS, NONDEF WAG & SAL	GEF.CGS.NDOGS	= GEF.CGS.NDOGS * PFGE.OTH
FED GOVT EXPND - CURRNT GDS & SRVS, NONDEF	GEF.CGS.NDWS	= GEF.CGS.NDWS * PFGEF.CGS.NDWS
DEFLAT. FED GOVT EXPND - CURRNT GDS & SRVS, NONDEF	GEF.CGS.ND\$	= GEF.CGS.ND\$ / GEF.CGS.ND
FED GOVT EXPND - CURRNT GDS & SRVS, DEF RESIDUAL	PFGEF.CGS.ND	= GEF.CGS.DOTH * PFGEF.CGS.DOTH
FED GOVT EXPND - CURRNT GDS & SRVS, DEF CIV WAG & SAL	GEF.CGS.DCMS	= GEF.CGS.DCMS * PFGEF.CGS.DCMS
FED GOVT EXPND - CURRNT GDS & SRVS, DEF MIL PAY	GEF.CGS.DMP	= GEF.CGS.DMP * PFGEF.CGS.DMP
FED GOVT EXPND - CURRNT GDS & SRVS, DEF CAPITAL	GEF.CGS.DINV	= GEF.CGS.DINV * PFGEF.CGS.DINV
FED GOVT EXPND - CURRNT GDS & SRVS, DEFENCE	GEF.CGS.D\$	= GEF.CGS.DINV\$ + GEF.CGS.DCMS\$ + GEF.CGS.DMP\$ + GEF.CGS.D\$ / GEF.CGS.D\$
DEFLATOR FED GOVT EXPND - CURRNT GDS & SRVS, DEFENCE	PFGEF.CGS.D	= GEF.CGS.D\$ / GEF.CGS.D
FED GOVT EXPND - CURRNT GDS & SRVS, NET OF DEPREC	GEF.CGS.GSS	= GEF.CGS.D\$ + GEF.CGS.ND\$
DEFLATOR FED GOVT EXPND - CURRNT GDS & SRVS, NET OF DEPREC	PFGEF.CGS.GS	= GEF.CGS.GS\$ / GEF.CGS.GS
FED GOVT EXPND - CURRNT GDS & SRVS, DEPRECIATION	GEF.CGS.CCA\$	B
FED GOVT EXPND - CURRNT GDS & SRVS, TOTAL	GEF.CGS\$	= GEF.CGS.CCA\$ + GEF.CGS.CCA\$
DEFLATOR FED GOVT EXPND - CURRNT GDS & SRVS, TOTAL	PFGEF.CGS	= GEF.CGS\$ / GEF.CGS
PROV GOVT EXPND - GDS & SRVS, OTHER	GEF.CGS.OCGS	= GEF.CGS.OCGS * PFGE.OTH
PROV GOVT EXPND - GDS & SRVS, WAGES & SAL, SLI	GEF.CGS.WS	= GEF.CGS.WS * PFGEF.CGS.WS
PROV GOVT EXPND - GDS & SRVS, NET OF DEPREC	GEF.CGS.GS\$	= GEF.CGS.WS\$ + GEF.CGS.MED\$ + GEF.CGS.OCGS\$
DEFLATOR PROV GOVT EXPND - GDS & SRVS, NET OF DEPREC	PFGEF.CGS.GS	= GEF.CGS.GS\$ / GEF.CGS.GS
PROV GOVT EXPND - GDS & SRVS, DEPRECIATION	GEF.CGS.CCA\$	B
PROV GOVT EXPND - GDS & SRVS, TOTAL	PFGEF.CGS	= GEF.CGS.GS\$ + GEF.CGS.CCA\$
DEFLATOR PROV GOVT EXPND - GDS & SRVS, TOTAL	PFGEF.CGS	= GEF.CGS\$ / GEF.CGS
LOCAL GOVT EXPND - GDS & SRVS, OTHER NET OF DEPREC	GEL.CGS.OCGS	= GEL.CGS.OCGS * PFGE.OTH
LOCAL GOVT EXPND - GDS & SRVS, MUNICIPAL (EX SCHOOLS)	GEL.CGS.WS	= GEL.CGS.WS * PFGEF.CGS.WS
LOCAL GOVT EXPND - GDS & SRVS, WAGES & SAL, MUN SCH	GEL.CGS.WSS	= GEL.CGS.WS\$ + GEL.CGS.WSS\$
LOCAL GOVT EXPND - GDS & SRVS, NET OF DEPREC	GEL.CGS.GS\$	= GEL.CGS.WS\$ + GEL.CGS.WSS\$ + GEL.CGS.CCA\$
DEFLATOR LOCAL GOVT EXPND - GDS & SRVS, NET OF DEPREC	PFGEF.CGS.GS	= GEL.CGS.GS\$ / GEL.CGS.GS
LOCAL GOVT EXPND - GDS & SRVS, DEPRECIATION	GEL.CGS.CCA\$	B
LOCAL GOVT EXPND - GDS & SRVS, TOTAL	GEL.CGS\$	= GEL.CGS.GS\$ + GEL.CGS.CCA\$
HOSP GOVT EXPND - GDS & SRVS, DEPRECIATION	GEH.CGS.CCA\$	= GEL.CGS.CCA\$ + PFGE.CGS.CCA
HOSP GOVT EXPND - GDS & SRVS, OTHER NET OF DEPREC	GEH.CGS.OCGS	= GEL.CGS.OCGS * PFGEH.CGS.OCGS

HOSP GOVT EXPND - GDS & SRVS, WAGES & SAL, SLI	GEH.CGS.WS * PFGEH.CGS.WS	=	GEH.CGS.WS * PFGEH.CGS.WS
HOSP GOVT EXPND - GDS & SRVS, NET OF DEPREC	GEH.CGS.GSS\$ + GEH.CGS.WS\$	=	GEH.CGS.GSS\$ + GEH.CGS.WS\$
DEFLATOR HOSP GOVT EXPND - GDS & SRVS, NET OF DEPREC	PFGEH.CGS.GS	=	GEH.CGS.GS\$ / GEH.CGS.GS
DEFLATOR HOSP GOVT EXPND - GDS & SRVS, TOTAL	PFGEH.CGS	=	GEH.CGS\$ / GEH.CGS
GOVT EXPND - CURNT GDS & SRVS, DEPREC	GE.CGS.CCA\$	=	GEH.CGS.CCA\$ + GEL.CGS.CCA\$ + GEP.CGS.CCA\$
		=	+ GEF.CGS.CCA\$
GOVT EXPND - CURNT GDS & SRVS, OTH NET OF DEPREC	GE.CGS.IGSS\$	=	+ GEF.CGS.IGSS\$ + GEF.CGS.DINV\$ + GEF.CGS.DOTH\$
		=	+ GEL.CGS.IGSS\$ + GEPENC.GS\$ + GEPENQ.GS\$
DEFLATOR GOVT EXPND - CURNT GDS & SRVS, OTH NET OF DEPREC	PFGE.CGS.IGSS	=	+ GEF.CGS.IGSS\$ / GE.CGS.IGS
GOVT EXPND - CURNT GDS & SRVS, DEF MIL PAY	GE.CGS.DMP\$	=	GE.CGS.DMP\$
DEFLATOR GOVT EXPND - CURNT GDS & SRVS, DEF MIL PAY	PFGE.CGS.DMP	=	GE.CGS.DMP\$ / GE.CGS.DMP
GOVT EXPND - CURNT GDS & SRVS, WAGES & SAL, SLI	GE.CGS.WS\$	=	GE.CGS.DCWS\$ + GEF.CGS.DCWS\$ + GEP.CGS.WS\$
		=	+ GEL.CGS.WS\$ + GEF.CGS.WS\$
DEFLATOR GOVT EXPND - CURNT GDS & SRVS, WAGES & SAL, SLI	PFGE.CGS.WS	=	GE.CGS.WS\$ / GE.CGS.WS
GOVT EXPND - CURNT GDS & SRVS, NET OF DEPREC	GE.CGS.GS\$	=	GE.CGS.IGSS\$ + GEF.CGS.DMP\$ + GE.CGS.WS\$
DEFLATOR GOVT EXPND - CURNT GDS & SRVS, NET OF DEPREC	PFGE.CGS.GS	=	GE.CGS.GS\$ / GE.CGS.GS
GOVT EXPND - CURNT GDS & SRVS, TOTAL	GE.CGS\$	=	GE.CGS.GS\$ + GE.CGS.CCA\$
DEFLATOR GOVT EXPND - CURNT GDS & SRVS, TOTAL	PFGE.CGS	=	GE.CGS\$ / GE.CGS

Equation No.: 1043

Name: Deflator, Government Expenditure, Other Goods and Services

Mnemonic: PFGE.OTH

Period: 1957-74

$((PFGE.OTH / PFGE.OTH(-1)) - 1) * 100$

= + 1.04275 (((PF79+81+5+7+9 / PF79+81+5+7+9(-1)) -1) * 100)
 (5.97)

- .43731 (((PF79+81+5+7+9 / PF79+81+5+7+9(-1)) -1) * 100
 (2.27) * PFDUM7174)

$\bar{R}^2 = 0.456$

SEE = 1.653

D.W. = 1.153

Equation No.: 1044

Name: Deflator, Government Expenditure, Current Goods and Services,
Depreciation

Mnemonic: PFGE.CGS.CCA

Period: 1958-74

PFGE.CGS.CCA - PF78+80+4+6+8

= + .10684
(2.36)

+ .94878 (PFGE.CGS.CCA(-1) - PF78+80+4+6+8(-1))
(3.99)

- .39498 (PFGE.CGS.CCA(-2) - PF78+80+4+6+8(-2))
(1.66)

- .033036 PFDUM6170
(1.47)

- .040008 PFDUM6670
(2.51)

- .12352 PFDUM7174
(2.66)

$\bar{R}^2 = 0.959$

SEE = .021

D.W. = 2.322

Equation No.: 1045

Name: Deflator, Government Expenditure, Defence Military Pay

Mnemonic: PFGEF.CGS.DMP

Period: 1956-74

(PFGEF.CGS.DMP - PF82) / PF82

= - .13791
(2.23)

+ 10.34170 1 / TIME
(2.68)

+ .025590 PFDUM7174
(2.05)

$\bar{R}^2 = .228$

SEE = .0165

D.W. = 1.450

Equation No.: 1046

Name: Deflator, Federal Government Expenditure, Current Goods and
Services, Defence Capital

Mnemonic: PFGEF.CGS.DINV

Period: 1957-74

PFGEF.CGS.DINV - PF83

= - .35099
(5.70)

+ .67222 (PFGEF.CGS.DINV(-1) - PF83(-1))
(6.63)

+ .0051487 TIME
(5.66)

$\bar{R}^2 = 0.872$

SEE = .019

D.W. = 1.564

Equation No.: 1047

Name: Deflator, Federal Government Expenditure, Current Goods and
Services, Defence Military Pay

Mnemonic: PFGEF.CGS.DOTH

Period: 1957-74

$((\text{PFGEF.CGS.DOTH} / \text{PFGEF.CGS.DOTH}(-1)) - 1) * 100$

$= + .94999 \quad (((\text{PF83} / \text{PF83}(-1)) - 1) * 100)$
(5.23)

$- .33973 \quad (((\text{PF83} / \text{PF83}(-1)) - 1) * 100 * \text{PFDUM7174})$
(1.75)

$\bar{R}^2 = 0.670$

SEE = 1.405

D.W. = 1.443

Equation No.: 1048

Name: Deflator, Federal Government Expenditure, Current Goods and
Services, Defence, Civilian Wages and Salaries

Mnemonic: PFGEF.CGS.DCWS

Period: 1958-74

PFGEF.CGS.DCWS - PF82

= - .011569
(1.22)

+ .82728 (PFGEF.CGS.DCWS(-1) - PF82(-1))
(4.84)

- .80632 (PFGEF.CGS.DCWS(-2) - PF82(-2))
(5.78)

- .012478 PFDUM6170
(1.18)

- .049446 PFDUM6670
(3.44)

- .031126 PFDUM7174
(2.88)

$\bar{R}^2 = 0.866$

SEE = .014

D.W. = 2.565

Equation No.: 1049

Name: Deflator, Federal Government Expenditure, Wages and Salaries
and SLI

Mnemonic: PFGEF.CGS.NDWS

Period: 1958-74

PFGEF.CGS.NDWS - PF78+80+4

= + .17012
(1.54)

+ .32902 (PFGEF.CGS.NDWS(-1) / PF78+80+4(-1))
(1.63)

+ .50218 (PFGEF.CGS.NDWS(-2) / PF78+80+4(-2))
(2.49)

+ .0076131 PFDUM6170
(1.06)

- .025817 PFDUM6670
(3.38)

$\bar{R}^2 = 0.850$

SEE = .011

D.W. = 2.136

Equation No.: 1050

Name: Deflator, Provincial Government Expenditure, Wages and Salaries
and SLI

Mnemonic: PFGEPCGS.WS

Period: 1956-74

PFGEPCGS.WS - PF78+80+8

= - .33289
(8.56)

+ .046107 PXDUMMY74
(3.84)

+ 22.89910 1 / TIME
(9.42)

+ .014242 PFDUM7174
(1.73)

$\bar{R}^2 = 0.861$

SEE = .0104

D.W. = 1.706

Equation No.: 956

Name: Deflator, Provincial Government Expenditure, Current Goods and
Services, Medicare

Mnemonic: PFGEPCGS.MED

Period: 1962-74

$\ln(\text{PFGEPCGS.MED})$

= - .027893
(1.56)

+ .95699 $\ln(\text{PF89})$
(11.29)

+ .014143 PFDUM7174
(0.46)

$\bar{R}^2 = 0.973$

SEE = .029

D.W. = 1.031

Equation No.: 1051

Name: Deflator, Local Government Expenditure, Goods and Services,
Wages and Salaries, Municipal Schools

Mnemonic: PFGEL.CGS.WSS

Period: 1956-74

(PFGEL.CGS.WSS - PF80) / PF80

= - 10.90160 1 / TIME
 (18.06)

+ .17060 PFDUM7174
 (9.54)

+ .11443 PFDUM6670
 (6.85)

$\overline{R^2} = 0.884$

SEE = .0317

D.W. = 1.382

Equation No.: 1052

Name: Deflator, Local Government Expenditure, Goods and Services,
Municipal (Excluding Schools)

Mnemonic: PFGEL.CGS.WSM

Period: 1957-74

PFGEL.CGS.WSM - PF86

= - .095824
(2.41)

+ .88662 (PFGEL.CGS.WSM(-1) - PF86(-1))
(7.18)

+ .0014500 TIME
(2.45)

$\bar{R}^2 = 0.801$

SEE = .0126

D.W. = 2.243

Equation No.: 1053

Name: Deflator, Hospital Government Expenditure, Wages and Salaries
and SLI

Mnemonic: PFGEH.CGS.WS

Period: 1958-74

PFGEH.CGS.WS - PF78

= - .39069
(9.28)

+ .05542 (PFGEH.CGS.WS(-1) - PF78(-1))
(0.49)

- .017169 (PFGEH.CGS.WS(-2) - PF78(-2))
(0.18)

+ .42865 PFDUM6170
(10.41)

- .036689 PFDUM6670
(1.34)

+ .43842 PFDUM7174
(9.34)

$\bar{R}^2 = 0.951$

SEE = .039

D.W. = 1.224

Equation No.: 1054

Name: Deflator, Hospital Government Expenditure, Goods and Services,
Other Net of Depreciation

Mnemonic: PFGEH.CGS.OGS

Period: 1962-74

PFGEH.CGS.OGS / PF79

= + .0197995
(0.12)

+ .440237 (PFGEH.CGS.OGS(-1) / PF79(-1))
(1.12)

+ .0073902 TIME
(1.15)

$\bar{R}^2 = 0.757$

SEE = .031

D.W. = 1.159

Equation No.: 1055

Name: Quebec Pension Plan -- Administration Cost

Mnemonic: GEPENQ.GS\$

Period: 1968-76

GEPENQ.GS\$

= + 7.82793
(8.62)

+ .0502345 GEPENQ.TPE.BEN\$
(6.97)

$\bar{R}^2 = 0.856$

SEE = 1.811

D.W. = 2.540

Equation No.: 1056

Name: Canada Pension Plan -- Administration Cost

Mnemonic: GEPENC.GS\$

Period: 1968-76

GEPENC.GS\$

= + 9.66839
(7.10)

+ .0176284 GEPENC.TPE.BEN\$
(7.20)

+ .468675 GEPENC.GS\$(-1)
(5.11)

$\bar{R}^2 = 0.979$ $SEE = 1.195$ $D.W. = 3.203$ $RHO = -.694$

Equation No.: 1069

Name: Federal Government Expenditure, Current Goods and Services,
Depreciation

Mnemonic: GEF.CGS.CCA\$

Period: 1954-76

ln(GEF.CGS.CCA\$)

= + .415763
(3.48)

+ .998862 ln((GEF.K.BOS * GEF.IED.BOS * PFGE.INV.BUILD)
(40.12) + (GEF.K.HWY * GEF.IED.HWY * PFGE.INV.HWY)
+ (GEF.K.OEN * GEF.IED.OEN * PFGE.INV.OEN)
+ (GEF.K.RES * GEF.IED.RES * PFGE.INV.RES)
+ (GEF.K.ME * GEF.IED.ME * PFGE.INV.ME))

$\bar{R}^2 = 0.996$

SEE = .033

D.W. = .410

RHO = .806

Equation No.: 1076

Name: Provincial Government Expenditure, Current Goods and Services,
Depreciation

Mnemonic: GEP.CGS.CCA\$

Period: 1954-76

ln(GEP.CGS.CCA\$)

= + .132249
(4.20)

+ 1.05108 ln((GEP.K.SCH * GEP.IED.SCH * PFGE.INV.BUILD)
(173.89) + (GEP.K.BOS * GEP.IED.BOS * PFGE.INV.BUILD)
+ (GEP.K.HWY * GEP.IED.HWY * PFGE.INV.HWY)
+ (GEP.K.OEN * GEP.IED.OEN * PFGE.INV.OEN)
+ (GEP.K.ME * GEP.IED.ME * PFGE.INV.ME))

$\bar{R}^2 = 0.999$ SEE = .019 D.W. = 1.243

Equation No.: 1084

Name: Local Government Expenditure, Goods and Services, Depreciation

Mnemonic: GEL.CGS.CCA\$

Period: 1954-76

ln(GEL.CGS.CCA\$)

= '+ .739739
(8.60)

+ .940873 ln((GEL.K.SCH * GEL.IED.SCH * PFGE.INV.BUILD)
(59.39) + (GEL.K.BOS * GEL.IED.BOS * PFGE.INV.BUILD)
+ (GEL.K.HWY * GEL.IED.HWY * PFGE.INV.HWY)
+ (GEL.K.OEN * GEL.IED.OEN * PFGE.INV.OEN)
+ (GEL.K.ME * GEL.IED.ME * PFGE.INV.ME))

$\bar{R}^2 = 0.998$

SEE = .031

D.W. = .639

RHO = .623

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FINAL DEMAND DEFLATORS
GOVERNMENT INVESTMENT

The final demand deflators associated with government investment are available at the aggregate level only. The aggregate level deflators have been used for federal, provincial, local, and hospital investment. Unlike current purchases of goods and services, we do not distinguish deflators by level of government. This is an obvious limitation but was necessary because of inadequate data sources. There are five deflators associated with this block: nonresidential buildings, highways, other engineering, machinery and equipment, and residential structures. The major factors influencing the determination of these deflators are the pseudo final demand prices associated with construction. The estimated final demand deflators are used to evaluate quantities by level of government. Using the appropriate National Accounts identities, we construct nominal values by level of government. When tallied, investment by level of government in nominal terms provides an estimate of government capital formation and the price associated with this activity.

VARIABLES DETERMINED OUTSIDE THE GOVERNMENT INVESTMENT PRICE BLOCK

GOVT EXPND - INVST TOTAL CAPITAL FORMATION	GE.INV.CAPF
GOVT EXPND - INVST NONRES CONSTRUCTION	GE.INV.NR
FED GOVT EXPND - INVST BLDG OTHER THAN SCHOOLS	GEF.INV.BOS
FED GOVT EXPND - INVST TOTAL FIXED CAP FORMATION	GEF.INV.CAPF
FED GOVT EXPND - INVST HIGHWAY CONSTRUCTION	GEF.INV.HWY
FED GOVT EXPND - INVST MACH & EQUIP	GEF.INV.ME
FED GOVT EXPND - INVST NONRES CONSTRUCTION	GEF.INV.NR
FED GOVT EXPND - INVST OTHER ENGINEERING CONST	GEF.INV.OEN
FED GOVT EXPND - INVST RESIDENTIAL CONST	GEH.INV.RES
HOSP GOVT EXPND - INVST TOTAL	GEH.INV
HOSP GOVT EXPND - INVST MACH & EQUIP	GEH.INV.ME
HOSP GOVT EXPND - INVST NONRES CONST	GEH.INV.NR
LOCAL GOVT EXPND - INVST TOTAL	GEL.INV
LOCAL GOVT EXPND - INVST BLDG OTHER THAN SCHOOLS	GEL.INV.BOS
LOCAL GOVT EXPND - INVST HIGHWAY CONST	GEL.INV.HWY
LOCAL GOVT EXPND - INVST MACH & EQUIP	GEL.INV.ME
LOCAL GOVT EXPND - INVST NONRES CONST	GEL.INV.NR
LOCAL GOVT EXPND - INVST OTHER ENGINEERING CONST	GEL.INV.OEN
LOCAL GOVT EXPND - INVST SCHOOLS BLDG CONST	GEL.INV.SCH
PROV GOVT EXPND - INVST TOTAL	GEP.INV
PROV GOVT EXPND - INVST BLDG OTHER THAN SCHOOLS	GEP.INV.BOS
PROV GOVT EXPND - INVST HIGHWAY CONST	GEP.INV.HWY
PROV GOVT EXPND - INVST MACH & EQUIP	GEP.INV.ME
PROV GOVT EXPND - INVST NONRES CONST	GEP.INV.NR
PROV GOVT EXPND - INVST OTHER ENGINEERING CONST	GEP.INV.OEN
PROV GOVT EXPND - INVST SCHOOLS BLDG CONST	GEP.INV.SCH
DUMMY VARIABLE - FINAL DEMAND PRICE BLOCK	PFDM6170
DUMMY VARIABLE - FINAL DEMAND PRICE BLOCK	PFDM7174
DEFLATOR RESIDENTIAL CONST INVST - BUSINESS, TOTAL N.A.	PFCINAB
DUMMY VARIABLE - FINAL DEMAND PRICE BLOCK	TIME

VARIABLES ENDOGENOUS TO THE GOVERNMENT INVESTMENT PRICE BLOCK (BOTH BEHAVIOURAL & IDENTITIES)

DEFULATOR GOVT EXPND - INVST BLDG CONST	PFGE.INV.BUILD	B	=	GEF.INV.BOS * PFGE.INV.BUILD
DEFULATOR GOVT EXPND - INVST HIGHWAY & ROAD CONST	PFGE.INV.HWY	B	=	GEF.INV.HWY * PFGE.INV.HWY
DEFULATOR GOVT EXPND - INVST OTHER ENGINEERING CONST	PFGE.INV.OEN	B	=	GEF.INV.OEN * PFGE.INV.OEN
DEFULATOR GOVT EXPND - INVST MACH & EQUIP	PFGE.INV.ME	B	=	GEF.INV.RES * PFGE.INV.RES
DEFULATOR GOVT EXPND - INVST RESIDENTIAL	PFGE.INV.RES	B	=	GEF.INV.ME * PFGE.INV.ME
FED GOVT EXPND - INVST BLDG OTHER THAN SCHOOLS	GEF.INV.BOS\$		=	GEF.INV.SCH * PFGE.INV.BUILD
FED GOVT EXPND - INVST HIGHWAY CONST	GEF.INV.HWY\$		=	GEF.INV.BOS * PFGE.INV.BUILD
FED GOVT EXPND - INVST OTHER ENGINEERING CONST	GEF.INV.OEN\$		=	GEF.INV.HWY * PFGE.INV.HWY
FED GOVT EXPND - INVST RESIDENTIAL CONST	GEF.INV.RES\$		=	GEF.INV.OEN * PFGE.INV.OEN
FED GOVT EXPND - INVST MACH & EQUIP	GEF.INV.ME\$		=	GEF.INV.ME * PFGE.INV.ME
PROV GOVT EXPND - INVST SCHOOL CONST	GEF.INV.SCH\$		=	GEL.INV.SCH * PFGE.INV.BUILD
PROV GOVT EXPND - INVST BLDG OTHER THAN SCHOOLS	GEF.INV.BOS\$		=	GEL.INV.BOS * PFGE.INV.BUILD
PROV GOVT EXPND - INVST HIGHWAY CONST	GEF.INV.HWY\$		=	GEL.INV.HWY * PFGE.INV.HWY
PROV GOVT EXPND - INVST OTHER ENGINEERING CONST	GEF.INV.OEN\$		=	GEL.INV.OEN * PFGE.INV.OEN
PROV GOVT EXPND - INVST MACH & EQUIP	GEF.INV.ME\$		=	GEL.INV.ME * PFGE.INV.ME
LOCAL GOVT EXPND - INVST SCHOOLS BLDG CONST	GEL.INV.SCH\$		=	GEH.INV.NR * PFGE.INV.BUILD
LOCAL GOVT EXPND - INVST BLDG OTHER THAN SCHOOLS	GEL.INV.BOS\$		=	GEH.INV.NR * PFGE.INV.ME
LOCAL GOVT EXPND - INVST HIGHWAY CONST	GEL.INV.HWY\$		=	GEF.INV.BOS\$ + GEF.INV.HWY\$ + GEF.INV.OEN\$
LOCAL GOVT EXPND - INVST OTHER ENGINEERING CONST	GEL.INV.OEN\$		=	GEF.INV.NR\$ / GEF.INV.NR
LOCAL GOVT EXPND - INVST MACH & EQUIP	GEL.INV.ME\$		=	GEF.INV.RES\$ + GEF.INV.NR\$ + GEF.INV.ME\$
HOSP GOVT EXPND - INVST NONRESIDENTIAL	GEH.INV.NR\$		=	GEF.INV.CAPF\$ / GEF.INV.CAPF
HOSP GOVT EXPND - INVST MACH & EQUIP	GEH.INV.ME\$		=	GEF.INV.SCH\$ + GEF.INV.BOS\$ + GEF.INV.HWY\$
FED GOVT EXPND - INVST NONRESIDENTIAL	GEF.INV.NR\$		=	+ GEF.INV.OEN\$
DEFULATOR FED GOVT EXPND - INVST, NONRESIDENTIAL	PFGEF.INV.NR		=	GEF.INV.NR\$ / GEF.INV.NR
FED GOVT EXPND - INVST FIXED CAPITAL	GEF.INV.CAPF\$		=	GEF.INV.RES\$ + GEF.INV.NR\$ + GEF.INV.ME\$
DEFULATOR FED GOVT EXPND - INVST FIXED CAPITAL	PFGEF.INV.CAPF		=	GEF.INV.CAPF\$ / GEF.INV.CAPF
PROV GOVT EXPND - INVST NONRESIDENTIAL	GEF.INV.NR\$		=	+ GEF.INV.OEN\$
DEFULATOR PROV GOVT EXPND - INVST NONRESIDENTIAL	PFGEF.INV.NR		=	GEF.INV.NR\$ / GEF.INV.NR
PROV GOVT EXPND - INVST TOTAL	GEF.INV\$		=	GEF.INV.ME\$ + GEF.INV.NR\$
DEFULATOR PROV GOVT EXPND - INVST TOTAL	PFGEF.INV		=	GEF.INV\$ / GEF.INV
LOCAL GOVT EXPND - INVST NONRESIDENTIAL	GEL.INV.NR\$		=	GEL.INV.SCH\$ + GEL.INV.BOS\$ + GEL.INV.HWY\$
DEFULATOR LOCAL GOVT EXPND - INVST NONRESIDENTIAL	PFGEF.INV.NR		=	+ GEL.INV.OEN\$
LOCAL GOVT EXPND - INVST TOTAL	GEL.INV\$		=	GEL.INV.NR\$ / GEL.INV.NR
DEFULATOR LOCAL GOVT EXPND - INVST TOTAL	PFGEF.INV		=	GEL.INV.ME\$ + GEL.INV.NR\$
HOSP GOVT EXPND - INVST TOTAL	GEL.INV\$		=	GEL.INV\$ / GEL.INV
DEFULATOR HOSP GOVT EXPND - INVST TOTAL	PFGEH.INV		=	GEL.INV.NR\$ + GEL.INV.ME\$
GOVT EXPND - INVST SCHOOLS	GE.INV.SCH\$		=	GEH.INV\$ / GEH.INV
GOVT EXPND - INVST BLDG OTHER THAN SCHOOLS	GE.INV.BOS\$		=	GEH.INV\$ / GEH.INV
GOVT EXPND - INVST OTHER ENGINEERING CONST	GE.INV.OEN\$		=	GEF.INV.BOS\$ + GEF.INV.BOS\$ + GEL.INV.BOS\$
GOVT EXPND - INVST HIGHWAY CONST	GE.INV.HWY\$		=	+ GEH.INV.NR\$
GOVT EXPND - INVST NONRES CONST	GE.INV.NR\$		=	GEF.INV.OEN\$ + GEF.INV.OEN\$ + GEL.INV.OEN\$
DEFULATOR GOVT EXPND - INVST NONRES CONST	PFGE.INV.NR		=	GEF.INV.HWY\$ + GEF.INV.HWY\$ + GEL.INV.HWY\$
GOVT EXPND - INVST RESIDENTIAL	GE.INV.RES\$		=	GE.INV.SCH\$ + GE.INV.BOS\$ + GE.INV.HWY\$
GOVT EXPND - INVST MACH & EQUIP	GE.INV.ME\$		=	+ GE.INV.OEN\$
GOVT EXPND - INVST TOTAL CAPITAL FORMATION	GE.INV.CAPF\$		=	GEF.INV.NR\$ / GE.INV.NR
DEFULATOR GOVT EXPND - INVST TOTAL CAPITAL FORMATION	PFGE.INV.CAPF		=	GEF.INV.RES\$ + GEF.INV.ME\$ + GEL.INV.ME\$
			=	+ GEH.INV.ME\$
			=	GE.INV.RES\$ + GE.INV.ME\$ + GE.INV.NR\$
			=	+ GE.INV.CAPF\$ / GE.INV.CAPF

Equation No.: 1102

Name: Deflator, Government Expenditure, Investment in Building
Construction

Mnemonic: PFGE.INV.BUILD

Period: 1958-74

PFGE.INV.BUILD - PF75

= + .338912
(2.52)

+ .839858 (PFGE.INV.BUILD(-1) - PF75(-1))
(2.93)

- .468297 (PFGE.INV.BUILD(-2) - PF75(-2))
(1.63)

- .00504344 TIME
(2.57)

$\bar{R}^2 = .809$

SEE = .0185

D.W. = 1.746

Equation No.: 1103

Name: Deflator, Government Expenditure, Investment in Highway
and Road Construction

Mnemonic: PFGE.INV.HWY

Period: 1957-74

PFGE.INV.HWY / PF75

= + .366423
(1.33)

+ .509725 (PFGE.INV.HWY(-1) - PF75(-1))
(4.41)

+ .00212454 TIME
(0.79)

$\bar{R}^2 = .603$

SEE = .04416

D.W. = 1.599

Equation No.: 1104

Name: Deflator, Government Expenditure, Investment in Other
Engineering Construction

Mnemonic: PFGE.INV.OEN

Period: 1958-74

PFGE.INV.OEN - PF75

= + .000817157
(0.11)

+ .867160 (PFGE.INV.OEN(-1) - PF75(-1))
(2.92)

- .427515 (PFGE.INV.OEN(-2) - PF75(-2))
(1.72)

- .0182582 PFDUM6170
(1.86)

- .00976061 PFDUM7174
(0.98)

$\bar{R}^2 = .590$

SEE = .0125

D.W. = 1.782

Equation No.: 1105

Name: Deflator, Government Expenditure, Investment in Machinery
and Equipment

Mnemonic: PFGE.INV.ME

Period: 1957-74

PFGE.INV.ME - PF72

= + .109357
(1.65)

+ .593955 (PFGE.INV.ME(-1) - PF72(-1))
(2.78)

- .00171006 TIME
(1.71)

$\bar{R}^2 = .717$

SEE = .01391

D.W. = 1.574

Equation No.: 1106

Name: Deflator, Government Expenditure, Investment, Residential

Mnemonic: PFGE.INV.RES

Period: 1956-74

PFGE.INV.RES

= + .066216
(1.60)

+ 1.06060 PFRCINAB
(22.52)

$\bar{R}^2 = .966$

SEE = .044

D.W. = 2.220

***** PRODUCT BY LOWE-MARTIN COMPANY INC.

FINAL DEMAND DEFLATORS
BUSINESS FIXED INVESTMENT CONSTRUCTION

Price conversion provides pseudo deflators which are used in regression techniques to develop the stochastic equations that explain the prices associated with business fixed investment in construction. The application here is straightforward and there are no anomalies. However, in the development of the input-output tables used in industry price and final demand conversion we indicated that the commodity composition of construction investment goods is identical across all purchasing industries because we carry only one construction activity in the Make, Use and Bridge matrices. One construction activity was carried because of data limitations associated with prices and quantities at the industry level. As a result the same pseudo final demand deflator is used as a right hand side variable to explain the construction investment deflators on the final demand side of the model.

These investment deflators are used as inputs to the industry specific user cost of capital calculation. They are used as proxies for the industry specific acquisition cost of new capital. The investment deflators are also combined with quantities to develop nominal values for investment which when tallied equal the National Accounts total.

VARIABLES DETERMINED OUTSIDE THE BUSINESS FIXED INVESTMENT CONSTRUCTION PRICE BLOCK

INV AGRIC FISH & TRAP INDST - BLDG & ENG CONST	IAGFTC
INV BUS NONRES CONST - N.A.	IBNACO
INV CONST INDST - BLDG & ENG CONST	IGNSTC
INV COMMUNICATION INDST - BLDG & ENG CONST	ICOMMC543.8
INV FIN INS & REAL ESTATE INDST - BLDG CONST	IFIREC701.37
INV FORESTRY INDST - BLDG & ENG CONST	IFSTYC31.9
INV BUS NONRES CONST - CONSTRUCTION DIVISION	IINVBC
INV MANUF TOTAL - BLDG & ENG CONSTRUCTION	IMFC
INV MANUF DUR TOTAL - BLDG & ENG CONST	IMEDC
INV WOOD INDST - BLDG & ENG CONST	IMEDC251.9
INV FURNITURE & FIXTURE INDST - BLDG CONST	IMEDC261.8
INV IRON & STEEL INDST - BLDG CONST	IMEDC291.4
INV PRIMARY METAL INDST - BLDG & ENG CONST	IMEDC291.8
INV NONFERROUS METALS - BLDG & ENG CONST	IMEDC295.8
INV METAL FAB INDST - BLDG & ENG CONST	IMEDC301.9
INV MACH (EXCL ELEC MACH) - BLDG & ENG CONST	IMEDC311.8
INV NON AUTO TRANSPORT EQUIP - BLDG & ENG CONST	IMEDC321+326.9
INV TRANSPORT INDST - BLDG & ENG CONST	IMEDC321.9
INV MOTOR VEHICLE (EX PARTS & ACC) - BLDG CONST	IMEDC323.4
INV MOTOR VEHICLE PARTS & ACC - BLDG CONST	IMEDC325
INV ELECTRICAL PROD INDST - BLDG & ENG CONST	IMEDC331.9
INV METAL MIN PROD INDST - BLDG & ENG CONST	IMEDC351.9
INV MANUF NONDUR TOTAL - BLDG & ENG CONST	IMENDC
INV FOOD & BEVERAGE INDST - BLDG & ENG CONST	IMENDC101.9
INV TOBACCO PROD INDST - BLDG & ENG CONST	IMENDC151.3
INV RUBBER & PLASTIC PROD INDST - BLDG & ENG CONST	IMENDC162.5
INV LEATHER INDST - BLDG & ENG CONST	IMENDC172.9
INV TEXTILE INDST - BLDG & ENG CONST	IMENDC181.9
INV KNITTING & CLOTHING INDST - BLDG CONST	IMENDC231.49
INV PAPER & ALLIED INDST - BLDG CONST	IMENDC271.4
INV PRINT, PUBLISHING & ALLIED INDST - BLDG & ENG CONST	IMENDC286.9
INV PET & COAL PROD INDST - BLDG & ENG CONST	IMENDC365.9
INV CHEM & CHEM PROD INDST - BLDG & ENG CONST	IMENDC372.9
INV MISC MANUF INDST - BLDG & ENG CONST	IMENDC391.9
INV MINING TOTAL - BLDG & ENG CONST	IMIC
INV COAL MINING - BLDG & ENG CONST	IMICLC61
INV METAL MINING INDST - BLDG & ENG CONST	IMIMMC51.9
INV NON METAL MINING (EX COAL) - BLDG & ENG CONST	IMINMC71.87
INV CRD PET NATL GAS & SRVS INC TO MIN IND - BLDG & ENG CONST	IMIPC64+96.9
INV REAL ESTATE COMMISSION NONRES CONST N.A.	IREC-NR
INV COMMERCIAL SRVS INDST - BLDG CONST	ISVCMC
INV COLLEGE & UNIV EDUC - BLDG CONST	ISVHGEDC806
INV OTHER NONCOMMER SRVS INDST - BLDG CONST	ISVNCC
INV WHOLESALE & RETAIL TRADE INDST - BLDG CONST	ITRADC602.99
INV TRANSPORT INDST - BLDG & ENG CONST	ITRSPC501.27
INV UTILITY INDST - BLDG CONST	ITUILC572.9
DUMMY VARIABLE - FINAL DEMAND PRICE BLOCK	PFDUM6170
DUMMY VARIABLE - FINAL DEMAND PRICE BLOCK	PFDUM6670
DUMMY VARIABLE - FINAL DEMAND PRICE BLOCK	PFDUM7174
DUMMY VARIABLE - SECTOR DEFLATOR, RDP PRICE BLOCK	PXDUMMY74
DUMMY VARIABLE - FINAL DEMAND PRICE BLOCK	TIME

VARIABLES EXOGENOUS TO THE BUSINESS FIXED INVESTMENT CONSTRUCTION PRICE BLOCK

INV ACCOUNTING CHECK - BUSINESS, NONRES CONST	IBCCHK\$	E
INV ACCOUNTING CHECK - PRIMARY METAL - B & E CONST	IMFDC291.8CHK\$	E
INV ACCOUNTING CHECK - TRANSPORT EQUIP - B & E CONST	IMFDC321.9CHK\$	E
INV ACCOUNTING CHECK - MINING - B & E CONST	IMICCHK\$	E

VARIABLES ENDOGENOUS TO THE BUSINESS FIXED INVESTMENT CONSTRUCTION PRICE BLOCK (BOTH BEHAVIORAL & IDENTITIES)

DEFL INV AGRIC FISH & TRAP INDST - BLDG & ENG CONST	PFIAFTC	B
DEFL INV FORESTRY INDST - BLDG & ENG CONST	PFIFSTYC31.9	B
DEFL INV COAL MINING - BLDG & ENG CONST	PFIMICLC61	B
DEFL INV CRD PET NATL GAS & SRVS - BLDG & ENG CONST	PFIMIPC64+96.9	B
DEFL INV METAL MINING INDST - BLDG & ENG CONST	PFIMIMC51.9	B
DEFL INV NON METAL MINING (EX COAL) - BLDG & ENG CONST	PFIMINMC71.87	B
DEFL INV WOOD INDST - BLDG & ENG CONST	PFIMFDC251.9	B
DEFL INV FURNITURE & FIXTURE INDST - BLDG CONST	PFIMFDC261.8	B
DEFL INV IRON & STEEL INDST - BLDG CONST	PFIMFDC291.4	B
DEFL INV NONFERROUS METALS - BLDG & ENG CONST	PFIMFDC295.8	B
DEFL INV METAL FAB INDST - BLDG & ENG CONST	PFIMFDC301.9	B
DEFL INV MACH (EXCL ELEC MACH) INDST - BLDG & ENG CONST	PFIMFDC311.8	B
DEFL INV NONAUTO TRANSPORT EQUIP - BLDG & ENG CONST	PFIMFDC321+26.9	B
DEFL INV MOTOR VEH INDST (EX PARTS & ACC) - BLDG & ENG CONST	PFIMFDC323.4	B
DEFL INV MOTOR VEH PARTS & ACC INDST - BLDG & ENG CONST	PFIMFDC325	B
DEFL INV ELECTRICAL PROD INDST - BLDG & ENG CONST	PFIMFDC351.9	B
DEFL INV NONMETAL MINING PROD INDST - BLDG & ENG CONST	PFIMFDC101.9	B
DEFL INV FOOD & BEVERAGE INDST - BLDG & ENG CONST	PFIMFDC151.3	B
DEFL INV TOBACCO PROD INDST - BLDG & ENG CONST	PFIMFDC162.5	B
DEFL INV RUBBER & PLASTIC PROD INDST - BLDG & ENG CONST	PFIMFDC172.9	B
DEFL INV LEATHER INDST - BLDG & ENG CONST	PFIMFDC181.9	B
DEFL INV TEXTILE INDST - BLDG & ENG CONST	PFIMFDC231.49	B
DEFL INV KNITTING & CLOTHING INDST - BLDG CONST	PFIMFDC271.4	B
DEFL INV PAPER & ALLIED INDST - BLDG CONST	PFIMFDC286.9	B
DEFL INV PRINT, PUBLISH & ALLIED INDST - BLDG & ENG CONST	PFIMFDC365.9	B
DEFL INV PET & COAL PROD INDST - BLDG & ENG CONST	PFIMFDC372.9	B
DEFL INV CHEM & CHEM PROD INDST - BLDG & ENG CONST	PFIMFDC391.9	B
DEFL INV MISC MANUP INDST - BLDG & ENG CONST	PFICNSTC	B
DEFL INV CONST INDST - BLDG & ENG CONST	PFITRSPC501.27	B
DEFL INV TRANSPORT INDST - BLDG & ENG CONST	PFICOMMC543.8	B
DEFL INV COMMUNICATIONS INDST - BLDG & ENG CONST	PFIFIREC701.37	B
DEFL INV FIN INS & REAL ESTATE INDST - BLDG CONST	PFITUILC572.9	B
DEFL INV UTILITY INDST - BLDG & ENG CONST	PFITRADC602.99	B
DEFL INV WHOLESALE & RETAIL TRADE INDST - BLDG CONST	PFISVCMC	B
DEFL INV COMMER SRVS INDST - BLDG CONST	PFISVNC	B
DEFL INV OTHER NONCOMMER SRVS INDST - BLDG CONST	PFISVHGDC806	B
DEFL INV COLLEGE & UNIV EDUC - BLDG CONST	IFSTYC31.9\$	=
DEFL INV AGRIC FISH & TRAP INDST - BLDG & ENG CONST	IMICLC61\$	=
INV FORESTRY INDST - BLDG & ENG CONST	IMIPC64+96.9\$	=
INV COAL MINING - BLDG & ENG CONST	IMIMC51.9\$	=
INV CRD PET NATL GAS & SRVS - BLDG & ENG CONST	IMINMC71.87\$	=
INV METAL MINING INDST - BLDG & ENG CONST	IMFDC251.9\$	=
INV NON METAL MIN (EX COAL) - BLDG & ENG CONST	IMFDC261.8\$	=
INV WOOD INDST - BLDG & ENG CONST	IMFDC291.4\$	=
INV FURNITURE & FIXTURE INDST - BLDG CONST	IMFDC295.8\$	=
INV IRON & STEEL INDST - BLDG CONST	IMFDC301.9\$	=
INV NONFERROUS METALS - BLDG & ENG CONST	IMFDC311.8\$	=
INV METAL FAB INDST - BLDG & ENG CONST	IMFDC321+326.9\$	=
INV MACH (EXCL ELEC MACH) INDST - BLDG & ENG CONST	IMFDC323.4\$	=
INV NON AUTO TRANSPORT EQUIP - BLDG & ENG CONST	IMFDC325\$	=
INV MOTOR VEH INDST (EX PARTS & ACC) - BLDG & ENG CONST	IMFDC331.9\$	=
INV MOTOR VEH PARTS & ACC INDST - BLDG & ENG CONST		
INV ELECTRICAL PROD INDST - BLDG & ENG CONST		

Equation No.: 1148

Name: Deflator, Investment, Agriculture and Fishing Industries
-- Construction

Mnemonic: PFIAGFTC

Period: 1956-74

PFIAGFTC - PF75

= - 2.57074 1 / TIME
 (5.53)

+ .090201 PFDUM7174
 (5.73)

$\bar{R}^2 = .653$

SEE = .0288

D.W. = 1.707

Equation No.: 1149

Name: Deflator, Investment, Forestry Industry -- Building and
Engineering Construction

Mnemonic: PFIFSTYC31.9

Period: 1958-74

PFIFSTYC31.9 - PF75

= + .0060798
(0.46)

+ .58507 (PFIFSTYC31.9(-1) - PF75(-1))
(2.10)

- .44105 (PFIFSTYC31.9(-2) - PF75(-2))
(1.62)

- .039656 PFDUM6170
(2.27)

- .038631 PFDUM6670
(1.64)

- .026503 PFFDUM7174
(1.29)

$\bar{R}^2 = .701$

SEE = .0227

D.W. = 1.854

Equation No.: 1150

Name: Deflator, Investment, Coal Mining Industry -- Building and
Engineering Construction

Mnemonic: PFIMICLC61

Period: 1957-70

PFIMICLC61 - PF73

= + .34430
(1.90)

+ .094525 (PFIMICLC61(-1) - PF73(-1))
(0.30)

- .0062370 TIME
(2.04)

$\bar{R}^2 = .595$

SEE = .0232

D.W. = 1.913

Period: 1971-74

(PFIMICLC61 - PF73) - (PFIMICLC61(-1) - PF73(-1))

= + 5.35762
(4.83)

- .074237 TIME
(4.85)

$\bar{R}^2 = .882$

SEE = .0342

D.W. = 2.821

Note: These two equations have to be linked for the two periods,
1957-70 and 1971-74, by PFSWITCH2.

Equation No.: 1151

Name: Deflator, Investment, Crude Petroleum and Natural Gas
Industry -- Building and Engineering Construction

Mnemonic: PFIMIPC64+96.9

Period: 1956-74

(PFIMIPC64+96.9 - PF73) / PF73

= - .50582
(4.82)

+ 28.17030 1 / TIME
(4.30)

+ .074150 PFDUM7174
(3.33)

- .11447 PXDUMMY74
(3.53)

$\bar{R}^2 = .635$

SEE = .0280

D.W. = 1.178

Equation No.: 1152

Name: Deflator, Investment, Metal Mining Industry -- Building and
Engineering Construction

Mnemonic: PFIMIMMC51.9

Period: 1956-74

(PFIMIMMC51.9 - PF73) / PF73

= - .50707
(4.83)

+ 28.25260 1 / TIME
(4.30)

+ .074242 PFDUM7174
(3.33)

- .11434 PXDUMMY74
(3.52)

$\bar{R}^2 = .635$

SEE = .0280

D.W. = 1.174

Equation No.: 1153

Name: Deflator, Investment, Nonmetal Mining Industry -- Building and
Engineering Construction

Mnemonic: PFIMINMC71.87

Period: 1956-74

(PFIMINMC71.87 - PF73) / PF73

= - .32585
(3.18)

+ 17.35670 1 / TIME
(2.65)

- .10722 PXDUMMY74
(2.77)

$\bar{R}^2 = .536$

SEE = .0352

D.W. = 1.072

Equation No.: 1154

Name: Deflator, Investment, Wood Industry -- Building and Engineering
Construction

Mnemonic: PFIMFDC251.9

Period: 1958-74

PFIMFDC251.9 - PF75

= + .21018
(2.05)

+ 1.02737 (PFIMFDC251.9(-1) - PF75(-1))
(3.92)

- .53722 (PFIMFDC251.9(-2) - PF75(-2))
(2.00)

- .0032513 TIME
(2.11)

$\bar{R}^2 = .732$

SEE = .0198

D.W. = 1.819

Equation No.: 1155

Name: Deflator, Investment, Furniture and Fixtures Industry --
Building Construction

Mnemonic: PFIMFDC261.8

Period: 1958-74

PFIMFDC261.8 - PF75

= + .24658
(2.13)

+ .91903 (PFIMFDC261.8(-1) - PF75(-1))
(3.43)

- .46963 (PFIMFDC261.8(-2) - PF75(-2))
(1.74)

- .0037565 TIME
(2.18)

$\bar{R}^2 = .734$

SEE = .0208

D.W. = 1.891

Equation No.: 1156

Name: Deflator, Investment, Iron and Steel Industry --
Building Construction

Mnemonic: PFIMFDC291.4

Period: 1958-74

PFIMFDC291.4 - PF75

= + .19761
(1.97)

+ 1.09219 (PFIMFDC291.4(-1) - PF75(-1))
(4.07)

- .52000 (PFIMFDC291.4(-2) - PF75(-2))
(1.89)

- .0030467 TIME
(2.12)

$\bar{R}^2 = .773$

SEE = .0190

D.W. = 1.781

Equation No.: 1157

Name: Deflator, Investment, Nonferrous Metals Industry -- Building
and Engineering Construction

Mnemonic: PFIMFDC295.8

Period: 1958-74

PFIMFDC295.8 - PF75

= + .20342
(2.01)

+ 1.07725 (PFIMFDC295.8(-1) - PF75(-1))
(4.08)

- .51902 (PFIMFDC295.8(-2) - PF75(-2))
(1.92)

- .0031291 TIME
(2.06)

$\bar{R}^2 = .777$

SEE = .0188

D.W. = 1.759

Equation No.: 1158

Name: Deflator, Investment, Metal Fabricating Industry -- Building and
Engineering Construction

Mnemonic: PFIMFDC301.9

Period: 1958-74

PFIMFDC301.9 - PF75

= + .21021
(1.94)

+ .95617 (PFIMFDC301.9(-1) - PF75(-1))
(3.40)

- .42385 (PFIMFDC301.9(-2) - PF75(-2))
(1.48)

- .0032183 TIME
(1.99)

$\bar{R}^2 = .748$

SEE = .0193

D.W. = 1.782

Equation No.: 1159

Name: Deflator, Investment, Machinery (Excluding Electrical Machinery)
Industry -- Building and Engineering Construction

Mnemonic: PFIMFDC311.8

Period: 1957-74

PFIMFDC311.8 - PF75

= + .14466
(1.44)

+ .59456 (PFIMFDC311.8(-1) - PF75(-1))
(2.91)

- .0022748 TIME
(1.51)

$\bar{R}^2 = .729$

SEE = .0202

D.W. = 1.494

Equation No.: 1160

Name: Deflator, Investment, Nonauto Transport Equipment Industry --
Building and Engineering Construction

Mnemonic: PFIMFDC321+26.9

Period: 1958-74

PFIMFDC321+26.9 - PF75

= + .24864
(2.51)

+ 1.13986 (PFIMFDC321+26.9(-1) - PF75(-1))
(4.57)

- .66111 (PFIMFDC321+26.9(-2) - PF75(-2))
(4.57)

- .0038093 TIME
(2.56)

$\overline{R}^2 = .789$

SEE = .0189

D.W. = 1.844

Equation No.: 1161

Name: Deflator, Investment, Motor Vehicle Industry (Excluding Parts
and Accessories) -- Building and Engineering Construction

Mnemonic: PFIMFDC323.4

Period: 1958-74

PFIMFDC323.4 - PF75

= + .21184
(2.33)

+ 1.16722 (PFIMFDC323.4(-1) - PF75(-1))
(4.53)

- .64524 (PFIMFDC323.4(-2) - PF75(-2))
(2.45)

- .0032608 TIME
(2.38)

$\bar{R}^2 = .782$

SEE = .0178

D.W. = 1.863

Equation No.: 1162

Name: Deflator, Investment, Motor Vehicle Parts and Accessories
Industry -- Building and Engineering Construction

Mnemonic: PFIMFDC325

Period: 1957-74

PFIMFDC325 - PF75

= + .21207
(1.71)

+ .49470 (PFIMFDC325(-1) - PF75(-1))
(2.20)

- .0032966 TIME
(1.75)

$\bar{R}^2 = .623$

SEE = .0279

D.W. = 1.691

Equation No.: 1163

Name: Deflator, Investment, Electrical Products Industry --
Building and Engineering Construction

Mnemonic: PFIMFDC331.9

Period: 1958-74

PFIMFDC331.9 - PF75

= + .23691
(2.18)

+ .95408 (PFIMFDC331.9(-1) - PF75(-1))
(3.46)

- .47352 (PFIMFDC331.9(-2) - PF75(-2))
(1.68)

- .0036119 TIME
(2.22)

$\bar{R}^2 = .751$

SEE = .0193

D.W. = 1.757

Equation No.: 1164

Name: Deflator, Investment, Nonmetal Mining Products Industry --
Building and Engineering Construction

Mnemonic: PFIMFDC351.9

Period: 1957-74

PFIMFDC351.9 - PF75

= + .13636
(1.39)

+ .61570 (PFIMFDC351.9(-1) - PF75(-1))
(3.04)

- .0021531 TIME
(1.45)

$\bar{R}^2 = .722$

SEE = .0205

D.W. = 1.454

Equation No.: 1165

Name: Deflator, Investment, Food and Beverages Industry --
Building and Engineering Construction

Mnemonic: PFIMFNC101.9

Period: 1958-74

PFIMFNC101.9 - PF75

= + .22467
(2.05)

+ .96265 (PFIMFNC101.9(-1) - PF75(-1))
(3.52)

- .45033 (PFIMFNC101.9(-2) - PF75(-2))
(1.61)

- .0034287 TIME
(2.09)

$\bar{R}^2 = .755$

SEE = .0196

D.W. = 1.766

Equation No.: 1166

Name: Deflator, Investment, Tobacco Products Industry --
Building and Engineering Construction

Mnemonic: PFIMFND151.3

Period: 1958-74

PFIMFND151.3 / PF75

= + .45034
(2.08)

+ .35941 (PFIMFND151.3(-1) - PF75(-1))
(1.57)

+ .22786 (PFIMFND151.3(-2) - PF75(-2))
(1.08)

- .049022 PFDUM6170
(2.07)

- .050551 PFDUM7174
(1.80)

$\bar{R}^2 = .683$

SEE = .0278

D.W. = 2.088

Equation No.: 1167

Name: Deflator, Investment, Rubber and Plastic Products Industry --
Building and Engineering Construction

Mnemonic: PFIMFNDC162.5

Period: 1957-74

PFIMFNDC162.5 - PF75

= + .14017
(1.37)

+ .59993 (PFIMFNDC162.5(-1) - PF75(-1))
(2.98)

- .0022025 TIME
(1.43)

$\bar{R}^2 = .721$

SEE = .0210

D.W. = 1.495

Equation No.: 1168

Name: Deflator, Investment, Leather Industry --
Building and Engineering Construction

Mnemonic: PFIMFND172.9

Period: 1957-74

PFIMFND172.9 - PF75

= + .24401
(1.86)

+ .38160 (PFIMFND172.9(-1) - PF75(-1))
(1.61)

- .0037396 TIME
(1.89)

$\bar{R}^2 = .588$

SEE = .0279

D.W. = 1.865

Equation No.: 1169

Name: Deflator, Investment, Textile Industry --
Building and Engineering Construction

Mnemonic: PFIMFNC181.9

Period: 1958-74

PFIMFNC181.9 - PF75

= + .22583
(1.97)

+ .97157 (PFIMFNC181.9(-1) - PF75(-1))
(3.43)

- .44875 (PFIMFNC181.9(-2) - PF75(-2))
(1.54)

- .0034466 TIME
(2.02)

$\bar{R}^2 = .756$

SEE = .0198

D.W. = 1.770

Equation No.: 1170

Name: Deflator, Investment, Knitting and Clothing Industry --
Building Construction

Mnemonic: PFIMFNDC231.49

Period: 1958-74

PFIMFNDC231.49 - PF75

= + .028828
(1.74)

+ .98000 (PFIMFNDC231.49(-1) - PF75(-1))
(3.63)

- .37691 (PFIMFNDC231.49(-2) - PF75(-2))
(1.45)

- .034671 PFDUM6170
(1.99)

- .043979 PFDUM7174
(2.11)

$\bar{R}^2 = .709$

SEE = .0209

D.W. = 2.051

Equation No.: 1171

Name: Deflator, Investment, Paper and Allied Industry --
Building Construction

Mnemonic: PFIMFNDC271.4

Period: 1958-74

PFIMFNDC271.4 - PF75

= + .19028
(1.82)

+ .96817 (PFIMFNDC271.4(-1) - PF75(-1))
(3.43)

- .43354 (PFIMFNDC271.4(-2) - PF75(-2))
(1.49)

- .0029502 TIME
(1.87)

$\bar{R}^2 = .711$

SEE = .0201

D.W. = 1.833

Equation No.: 1172

Name: Deflator, Investment, Printing, Publishing and Allied
Industry -- Building and Engineering Construction

Mnemonic: PFIMFNDC286.9

Period: 1958-74

PFIMFNDC286.9 - PF75

= + .22771
(2.17)

+ 1.02651 (PFIMFNDC286.9(-1) - PF75(-1))
(3.80)

- .51351 (PFIMFNDC286.9(-2) - PF75(-2))
(1.89)

- .0034709 TIME
(2.22)

$\bar{R}^2 = .781$

SEE = .0184

D.W. = 1.829

Equation No.: 1173

Name: Deflator, Investment, Petroleum and Coal Products Industry --
Building and Engineering Construction

Mnemonic: PFIMFNDC365.9

Period: 1958-74

PFIMFNDC365.9 - PF75

= - .0024628
(0.19)

+ .55523 (PFIMFNDC365.9(-1) - PF75(-1))
(2.02)

- .43660 (PFIMFNDC365.9(-2) - PF75(-2))
(1.70)

- .035964 PFDUM6170
(2.16)

- .042067 PFDUM6670
(1.90)

- .019047 PFDUM7174
(1.00)

$\bar{R}^2 = .730$

SEE = .0218

D.W. = 1.853

Equation No.: 1174

Name: Deflator, Investment, Chemical and Chemical Products Industry --
Building and Engineering Construction

Mnemonic: PFIMFND372.9

Period: 1958-74

PFIMFND372.9 - PF75

= + .19044
(1.62)

+ .93720 (PFIMFND372.9(-1) - PF75(-1))
(3.64)

- .35811 (PFIMFND372.9(-2) - PF75(-2))
(1.33)

- .0029875 TIME
(1.67)

$\bar{R}^2 = .669$

SEE = .0255

D.W. = 1.477

Equation No.: 1175

Name: Deflator, Investment, Miscellaneous Manufacturing Industry --
Building and Engineering Construction

Mnemonic: PFIMFND391.9

Period: 1957-74

PFIMFND391.9 - PF75

= + .18950
(1.65)

+ .56569 (PFIMFND391.9(-1) - PF75(-1))
(2.64)

- .0029484 TIME
(1.70)

$\bar{R}^2 = .748$

SEE = .0218

D.W. = 1.605

Equation No.: 1176

Name: Deflator, Investment, Construction Industry --
Building and Engineering Construction

Mnemonic: PFICNSTC

Period: 1957-74

PFICNSTC - PF75

= + .14243
(1.48)

+ .59228 (PFICNSTC(-1) - PF75(-1))
(2.82)

- .0022152 TIME
(1.54)

$\bar{R}^2 = .704$

SEE = .0201

D.W. = 1.458

Equation No.: 1177

Name: Deflator, Investment, Transportation Industry --
Building Construction

Mnemonic: PFITRSPC501.27

Period: 1958-74

PFITRSPC501.27 - PF75

= - .0032001
(0.27)

+ .83854 (PFITRSPC501.27(-1) - PF75(-1))
(2.49)

- .82433 (PFITRSPC501.27(-2) - PF75(-2))
(2.33)

- .023331 PFDUM6170
(1.48)

- .040634 PFDUM6670
(1.81)

- .026815 PFDUM7174
(1.57)

$\bar{R}^2 = .631$

SEE = .020

D.W. = 2.168

Equation No.: 1178

Name: Deflator, Investment, Communications Industry -- Building
and Engineering Construction

Mnemonic: PFICOMMC543.8

Period: 1958-74

PFICOMMC543.8 - PF75

= + .0033489
(0.27)

+ .76840 (PFICOMMC543.8(-1) - PF75(-1))
(2.57)

- .57185 (PFICOMMC543.8(-2) - PF75(-2))
(2.00)

- .028317 PFDUM6170
(1.81)

- .034797 PFDUM6670
(1.42)

- .025058 PFDUM7174
(1.37)

$\bar{R}^2 = .688$

SEE = .0212

D.W. = 2.031

Equation No.: 1179

Name: Deflator, Investment, Financial, Insurance and Real Estate
Industry -- Building Construction

Mnemonic: PFIFIREC701.37

Period: 1957-74

PFIFIREC701.37 - PF75

= + .15595
(1.50)

+ .60676 (PFIFIREC701.37(-1) - PF75(-1))
(2.95)

- .0024049 TIME
(1.56)

$\bar{R}^2 = .754$

SEE = .0199

D.W. = 1.423

Equation No.: 1180

Name: Deflator, Investment, Utility Industry -- Building and
Engineering Construction

Mnemonic: PFIUTILC572.9

Period: 1958-74

PFIUTILC572.9 - PF75

= - .0015172
(0.28)

+ .96918 (PFIUTILC572.9(-1) - PF75(-1))
(3.75)

- .39242 (PFIUTILC572.9(-2) - PF75(-2))
(1.72)

- .013728 PFDUM6170
(1.63)

$\bar{R}^2 = .698$

SEE = .0135

D.W. = 1.767

Equation No.: 1181

Name: Deflator, Investment, Wholesale and Retail Trade --
Building Construction

Mnemonic: PFITRADC602.99

Period: 1958-74

PFITRADC602.99 - PF75

= + .20523
(1.97)

+ .96540 (PFITRADC602.99(-1) - PF75(-1))
(3.31)

- .46358 (PFITRADC602.99(-2) - PF75(-2))
(1.53)

- .0031239 TIME
(2.01)

$\bar{R}^2 = .692$

SEE = .0197

D.W. = 1.734

Equation No.: 1182

Name: Deflator, Investment, Commercial Services -- Building
Construction

Mnemonic: PFISVCMC

Period: 1958-74

PFISVCMC - PF75

= + .24208
(2.05)

+ .90776 (PFISVCMC(-1) - PF75(-1))
(3.17)

- .41987 (PFISVCMC(-2) - PF75(-2))
(1.43)

- .0036449 TIME
(2.09)

$\bar{R}^2 = .746$

SEE = .0198

D.W. = 1.754

Equation No.: 1183

Name: Deflator, Investment, Other Noncommercial Services --
Building Construction

Mnemonic: PFISVNCC

Period: 1958-74

PFISVNCC - PF75

= + .24355
(2.09)

+ .86443 (PFISVNCC(-1) - PF75(-1))
(2.84)

- .40318 (PFISVNCC(-2) - PF75(-2))
(1.30)

- .0036466 TIME
(2.13)

$\bar{R}^2 = .716$

SEE = .0195

D.W. = 1.678

Equation No.: 1184

Name: Deflator Investment, College and University Education --
Building Construction

Mnemonic: PFISVHGEDC806

Period: 1958-74

PFISVHGEDC806 - PF75

= + .21120
(1.87)

+ .95935 (PFISVHGEDC806(-1) - PF75(-1))
(3.00)

- .45663 (PFISVHGEDC806(-2) - PF75(-2))
(1.36)

- .0032088 TIME
(1.91)

$\bar{R}^2 = .644$

SEE = .022

D.W. = 1.720

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79-2181

FINAL DEMAND DEFLATORS
BUSINESS FIXED INVESTMENT
MACHINERY AND EQUIPMENT

For machinery and equipment, when developing the input output tables used in price and final demand conversion, we are able to introduce different compositional effects for commodities in the Bridge matrix which vary across purchasing industry. For this reason, price conversion provides industry specific pseudo final demand deflators which are used in regression techniques to develop the stochastic equations to explain the prices associated with business fixed investment in machinery and equipment. The application is straightforward. In all cases a pseudo final demand deflator is used to explain a machinery and equipment investment deflator associated with a specific investment category on the demand side of the model.

Once available, these investment deflators are used as industry specific inputs into the user cost of capital calculation. As with investment in construction, they are used as proxies for the industry specific acquisition costs of new capital. Furthermore, the investment deflators are combined with quantities to develop nominal values for investment which, when tallied, equal the National Accounts total.

In the case of machinery and equipment investment, the commodities which have high weight in the Bridge matrix

(the commodity composition of final demand) also have high import content. This implies that changes in domestic costs of these commodities (machinery and autos) will have a small impact on final demand prices while foreign price variations will have a large impact.

VARIABLES DETERMINED OUTSIDE THE BUSINESS FIXED INVESTMENT MACHINERY & EQUIPMENT PRICE BLOCK

INV AGRIC FISH & TRAP INDST - M&E & CICOE	IAGFTM
INV BUS MACH & EQUIP - N.A.	IBNAM
INV CONST INDST - M&E & CICOE	ICNSTM
INV COMMUNICATION INDST - M&E & CICOE	ICOMM543.8
INV FIN INS & REAL ESTATE INDST - M & E	IFIREM701.37
INV FORESTRY INDST - M&E & CICOE	IFSTYM31.9
INV BUS MACH & EQUIP - CONST DIVISION	IINBVM
INV WOOD INDST - M&E & CICOE	IMEDM251.9
INV FURNITURE & FIXTURE INDST - M & E	IMEDM261.8
INV IRON & STEEL INDST - M & E	IMEDM291.4
INV PRIMARY METAL INDST - MACH & EQUIP & CICOE	IMEDM291.8
INV NONFERROUS METALS - M&E & CICOE	IMEDM295.8
INV METAL FAB INDST - M&E & CICOE	IMEDM301.9
INV MACH (EXCL ELEC MACH) - M&E & CICOE	IMEDM311.8
INV TRANSPORT EQUIP INDST - MACH & EQUIP & CICOE	IMEDM321.9
INV NON AUTO TRANSPORT EQUIP - M&E & CICOE	IMEDM321+326.9
INV MOTOR VEHICLE (EX PARTS & ACC) - M & E	IMEDM323.4
INV MOTOR VEHICLE PARTS & ACC - M & E	IMEDM325
INV ELECTRICAL PROD INDST - M&E & CICOE	IMEDM331.9
INV METAL MIN PROD INDST - M&E & CICOE	IMEDM351.9
INV MANUF DUR TOTAL - MACH & EQUIP & CICOE	IMEDM
INV MANUF TOTAL - M&E & CICOE	IMFEM
INV FOOD & BEVERAGE INDST - M&E & CICOE	IMFENDM101.9
INV TOBACCO PROD INDST - M&E & CICOE	IMFENDM151.3
INV RUBBER & PLASTIC PROD INDST - M&E & CICOE	IMFENDM162.5
INV LEATHER INDST - M&E & CICOE	IMFENDM172.9
INV TEXTILE INDST - M&E & CICOE	IMFENDM181.9
INV KNITTING & CLOTHING INDST - M & E	IMFENDM231.49
INV PAPER & ALLIED INDST - M & E	IMFENDM271.4
INV PRINT, PUBLISHING & ALLIED INDST - M&E & CICOE	IMFENDM286.9
INV PET & COAL PROD INDST - M&E & CICOE	IMFENDM365.9
INV CHEM & CHEM PROD INDST - M&E & CICOE	IMFENDM372.9
INV MISC MANUF INDST - M&E & CICOE	IMFENDM391.9
INV MANUF NONDUR TOTAL - M&E & CICOE	IMFENDM
INV COAL MINING - M&E & CICOE	IMICLM61
INV MINING TOTAL - M&E & CICOE	IMIM
INV METAL MINING INDST - M&E & CICOE	IMIMMM51.9
INV NON METAL MINING (EX COAL) - M&E & CICOE	IMINMM71.87
INV CRD PET NATL GAS & SRVS INC TO MIN IND - M&E & CICOE	IMIPM64+96.9
INV SALES OF USED ASSETS - MACH & EQUIP	ISUA
INV COMMER SRVS INDST - M & E	ISVCHM
INV COLLEGE & UNIV EDUC - M & E	ISVGHEDM806
INV OTHER NONCOMMER SRVS INDST - M & E	ISVNCM
INV WHOLESALE & RETAIL TRADE INDST - M & E	ITRADM602.99
INV TRANSPORT INDST - M&E & CICOE	ITRSPM501.27
INV UTILITY INDST - M & E	IUTILM572.9
DUMMY VARIABLE - FINAL DEMAND PRICE BLOCK	PFDUM6170
DUMMY VARIABLE - FINAL DEMAND PRICE BLOCK	PFDUM6670
DUMMY VARIABLE - FINAL DEMAND PRICE BLOCK	PFDUM7174
DUMMY VARIABLE - FINAL DEMAND PRICE BLOCK	TIME

VARIABLES EXOGENOUS TO THE BUSINESS FIXED INVESTMENT MACHINERY & EQUIPMENT PRICE BLOCK

INV ACCOUNTING CHECK - BUSINESS, NONRES MACH & EQUIP	IBMCHK\$	E
INV ACCOUNTING CHECK - PRIMARY METAL - M&E & CICOE	IMFDM291.8CHK\$	E
INV ACCOUNTING CHECK - TRANSPORT EQUIP - M&E & CICOE	IMFDM321.9CHK\$	E
INV ACCOUNTING CHECK - MINING - M&E & CICOE	IMIMCHK\$	E

VARIABLES ENDOGENOUS TO THE BUSINESS FIXED INVESTMENT MACHINERY & EQUIPMENT PRICE BLOCK (BOTH BEHAVIOURAL & IDENTITIES)

DEFL INV AGRIC FISH & TRAP INDST - M&E & CICOE	PFIAGFTM	B
DEFL INV FORESTRY INDST - M&E & CICOE	PFISTYM31.9	B
DEFL INV COAL MINING - M&E & CICOE	PFINICLM61	B
DEFL INV CRD PET NATL GAS & SRVS - M&E & CICOE	PFIMIPM64+96.9	B
DEFL INV METAL MINING INDST - M&E & CICOE	PFIMIMM51.9	B
DEFL INV NON METAL MINING (EX COAL) - M&E & CICOE	PFIMINMM71.87	B
DEFL INV WOOD INDST - M&E & CICOE	PFIMFDM251.9	B
DEFL INV FURNITURE & FIXTURE INDST - M & E	PFIMFDM261.8	B
DEFL INV IRON & STEEL INDST - M & E	PFIMFDM291.4	B
DEFL INV NONFERROUS METALS - M&E & CICOE	PFIMFDM295.8	B
DEFL INV METAL FAB INDST - M&E & CICOE	PFIMFDM301.9	B
DEFL INV MACH (EXCL ELEC MACH) INDST - M&E & CICOE	PFIMFDM311.8	B
DEFL INV NONAUTO TRANSPORT EQUIP - M&E & CICOE	PFIMFDM321+26.9	B
DEFL INV MOTOR VEH INDST (EX PARTS & ACC) - M&E & CICOE	PFIMFDM323.4	B
DEFL INV MOTOR VEH PARTS & ACC INDST - M&E & CICOE	PFIMFDM325	B
DEFL INV ELECTRICAL PROD INDST - M&E & CICOE	PFIMFDM331.9	B
DEFL INV NONMETAL MINING PROD INDST - M&E & CICOE	PFIMFDM351.9	B
DEFL INV FOOD & BEVERAGE INDST - M&E & CICOE	PFIMFDM101.9	B
DEFL INV TOBACCO PROD INDST - M&E & CICOE	PFIMFDM151.3	B
DEFL INV RUBBER & PLASTIC PROD INDST - M&E & CICOE	PFIMFDM162.5	B
DEFL INV LEATHER INDST - M&E & CICOE	PFIMFDM172.9	B
DEFL INV TEXTILE INDST - M&E & CICOE	PFIMFDM181.9	B
DEFL INV KNITTING & CLOTHING INDST - M & E	PFIMFDM231.49	B
DEFL INV PAPER & ALLIED INDST - M & E	PFIMFDM271.4	B
DEFL INV PRINT, PUBLISH & ALLIED INDST - M&E & CICOE	PFIMFDM286.9	B
DEFL INV PET & COAL PROD INDST - M&E & CICOE	PFIMFDM365.9	B
DEFL INV CHEM & CHEM PROD INDST - M&E & CICOE	PFIMFDM372.9	B
DEFL INV MISC MANUF INDST - M&E & CICOE	PFIMFDM391.9	B
DEFL INV CONST INDST - M&E & CICOE	PFICNSTM	B
DEFL INV TRANSPORT INDST - M&E & CICOE	PFITRSPM501.27	B
DEFL INV COMMUNICATIONS INDST - M&E & CICOE	PFICOMM543.8	B
DEFL INV FTL INS & REAL ESTATE INDST - M & E	PFIFIREM701.37	B
DEFL INV UTILITY INDST - M&E & CICOE	PFITUILLM572.9	B
DEFL INV WHOLESALE & RETAIL TRADE INDST - M & E	PFITRADM602.99	B
DEFL INV OTHER NONCOMMER SRVS INDST - M & E	PFISVCMW	B
DEFL INV COLLEGE & UNIV EDUC - M & E	PFISVNCM	B
INV AGRIC FISH & TRAP INDST - M&E & CICOE	PFISVHGDM806	B
INV FORESTRY INDST - M&E & CICOE	IAGFTMS	B
INV COAL MINING - M&E & CICOE	IFSTYM31.9	B
INV CRD PET NATL GAS & SRVS - M&E & CICOE	IMICLM61	B
INV METAL MINING INDST - M&E & CICOE	IMIPM64+96.9\$	B
INV NON METAL MIN (EX COAL) - M&E & CICOE	IMIMM51.9\$	B
INV WOOD INDST - M&E & CICOE	IMINMM71.87\$	B
INV FURNITURE & FIXTURE INDST - M & E	IMFDM251.9\$	B
INV IRON & STEEL INDST - M & E	IMFDM261.8\$	B
INV NONFERROUS METALS - M&E & CICOE	IMFDM291.4\$	B
INV METAL FAB INDST - M&E & CICOE	IMFDM295.8\$	B
INV MACH (EXCL ELEC MACH) INDST - M&E & CICOE	IMFDM301.9\$	B
INV NON AUTO TRANSPORT EQUIP - M&E & CICOE	IMFDM311.8\$	B
INV MOTOR VEH INDST (EX PARTS & ACC) - M&E & CICOE	IMFDM321+26.9\$	B
INV MOTOR VEH PARTS & ACC INDST - M&E & CICOE	IMFDM323.4\$	B
INV ELECTRICAL PROD INDST - M&E & CICOE	IMFDM325\$	B
	PFIAAGFTM * IAGFTM	B
	PFISTYC31.9 * IFSTYM31.9	B
	PFIMICLM61 * IMICLM61	B
	PFIMIPM64+96.9 * IMIPM64+96.9	B
	PFIMIMM51.9 * IMIMM51.9	B
	PFIMINMM71.87 * IMINMM71.87	B
	PFIMFDM251.9 * IMFDM251.9	B
	PFIMFDM261.8 * IMFDM261.8	B
	PFIMFDM291.4 * IMFDM291.4	B
	PFIMFDM295.8 * IMFDM295.8	B
	PFIMFDM301.9 * IMFDM301.9	B
	PFIMFDM311.8 * IMFDM311.8	B
	PFIMFDM321+26.9 * IMFDM321+326.9	B
	PFIMFDM323.4 * IMFDM323.4	B
	PFIMFDM325 * IMFDM325	B
	PFIMFDM331.9 * IMFDM331.9	B

INV NON METAL MINING PROD INDST - M&E & CICOE
 INV FOOD & BEVERAGE INDST - M&E & CICOE
 INV TOBACCO PROD INDST - M&E & CICOE
 INV RUBBER & PLASTIC PROD INDST - M&E & CICOE
 INV LEATHER INDST - M&E & CICOE
 INV TEXTILE INDST - M&E & CICOE
 INV KNOTTING & CLOTHING INDST - M & E
 INV PAPER & ALLIED INDST - M & E
 INV PRINT, PUBLISH & ALLIED INDST - M&E & CICOE
 INV PET & COAL PROD INDST - M&E & CICOE
 INV CHEM & CHEM PROD INDST - M&E & CICOE
 INV MISC MANUF INDST - M&E & CICOE
 INV CONSTRUCTION INDST - M&E & CICOE
 INV TRANSPORT INDST - M&E & CICOE
 INV COMMUNICATION INDST - M&E & CICOE
 INV FIN INS & REAL ESTATE INDST - M & E
 INV UTILITY INDST - MACH & EQUIP & CICOE
 INV WHOLESALE & RETAIL TRADE INDST - MACH & EQUIP & CICOE
 INV COMMER SVCS INDST - MACH & EQUIP & CICOE
 INV OTHER NONCOMMER SVCS INDST - MACH & EQUIP
 INV COLLEGE & UNIV EDUC - MACH & EQUIP
 INV MINING TOTAL - MACH & EQUIP

DEFULATOR INV MINING TOTAL - MACH & EQUIP
 INV PRIMARY METAL INDST - MACH & EQUIP & CICOE
 DEFULATOR INV PRIMARY METAL INDST - MACH & EQUIP & CICOE
 INV TRANSPORT EQUIP INDST - MACH & EQUIP & CICOE
 DEFULATOR INV TRANSPORT EQUIP INDST - MACH & EQUIP & CICOE
 INV MANUF DUR TOTAL - MACH & EQUIP & CICOE

DEFULATOR INV MANUF DUR TOTAL - MACH & EQUIP & CICOE
 INV MANUF NONDUR TOTAL - M&E & CICOE

DEFULATOR INV MANUF NONDUR TOTAL - M&E & CICOE
 INV MANUF TOTAL - M&E & CICOE
 DEFULATOR INV MANUF TOTAL - M&E & CICOE
 INV BUS MACH & EQUIP - CONST DIVISION

DEFULATOR INV BUS MACH & EQUIP - CONST DIVISION
 INV SALES OF USED ASSETS - MACH & EQUIP
 INV BUS MACH & EQUIP - NA
 DEFULATOR INV BUS MACH & EQUIP - NA

IMEDM351.9\$
 IMENDM101.9\$
 IMENDM151.3\$
 IMENDM162.5\$
 IMENDM172.9\$
 IMENDM181.9\$
 IMENDM231.49\$
 IMENDM271.4\$
 IMENDM286.9\$
 IMENDM365.9\$
 IMENDM372.9\$
 IMENDM391.9\$
 ICNSTMS
 ITRSPM501.27\$
 ICOMMM543.8\$
 IFIREM701.37\$
 IUTILM572.9\$
 ITRADM602.99\$
 ISVCMM\$
 ISVNCMS
 ISVHGEDM806\$
 IMIMS\$

PFIMTM
 IMFD291.8\$
 PFIMEDM291.8
 IMFD321.9\$

PFIMEDM321.9
 IMFDMS\$

PFIMEDM
 IMENDMS\$

PFIMENDM
 IMFMS
 PFIMFM
 IINVBMS\$

PFTINVB
 ISUAS\$
 IBNAM\$
 PFTBNAM

= PFIMEDM351.9 * IMFD351.9
 = PFIMENDM101.9 * IMFENDM101.9
 = PFIMENDM151.3 * IMFENDM151.3
 = PFIMENDM162.5 * IMFENDM162.5
 = PFIMENDM172.9 * IMFENDM172.9
 = PFIMENDM181.9 * IMFENDM181.9
 = PFIMENDM231.49 * IMFENDM231.49
 = PFIMENDM271.4 * IMFENDM271.4
 = PFIMENDM286.9 * IMFENDM286.9
 = PFIMENDM365.9 * IMFENDM365.9
 = PFIMENDM372.9 * IMFENDM372.9
 = PFIMENDM391.9 * IMFENDM391.9
 = PFICNSTM * ICNSTM
 = PFITRSPM501.27 * ITRSPM501.27
 = PFICOMMM543.8 * ICOMMM543.8
 = PFIFIREM701.37 * IFIREM701.37
 = PFUTILM572.9 * IUTILM572.9
 = PFITRADM602.99 * ITRADM602.99
 = PFISVCMM * ISVCMM
 = PFISVNCM * ISVNCM
 = PFISVHGEDM806 * ISVHGEDM806
 = IMIMCHKS + IMICLM61\$ + IMIPM64+96.9\$
 = IMIMM51.9\$ + IMINMM71.87\$
 = IMIMS / IMIM
 = IMEDM291.8CHKS + IMEDM291.4\$ + IMEDM295.8\$
 = IMEDM291.8\$ / IMFD291.8
 = IMEDM321.9CHKS + IMEDM321+326.9\$
 = IMFD323.4\$ + IMFD325\$
 = IMEDM321.9\$ / IMFD321.9
 = IMEDM251.9\$ + IMEDM261.8\$ + IMEDM291.8\$
 + IMEDM301.9\$ + IMEDM311.8\$ + IMFD321.9\$
 + IMEDM331.9\$ + IMFD351.9\$
 = IMFMS / IMFDM
 = IMENDM101.9\$ + IMENDM151.3\$ + IMENDM162.5\$
 + IMENDM172.9\$ + IMENDM181.9\$ + IMENDM231.49\$
 + IMENDM271.4\$ + IMENDM286.9\$ + IMFENDM365.9\$
 + IMENDM372.9\$ + IMENDM391.9\$
 = IMENDMS / IMENDM
 = IMFMS + IMENDMS
 = IMFMS / IMFM
 = IAGETMS + IFSTYM31.9\$ + IMIMS + IMFMS
 + ICNSTMS + ITRSPM501.27\$ + ICOMMM543.8\$
 + IFIREM701.37\$ + IUTILM572.9\$ + ITRADM602.99\$
 + ISVCMM\$ + ISVNCMS\$ + ISVHGEDM806
 = IINVBMS / IINVB
 = ISUA * PFTINVB
 = IINVBMS - ISUAS + IBMCHKS
 = IBNAM\$ / IBNAM

Equation No.: 1239

Name: Deflator, Investment, Agriculture, Fishing, and Trapping
Industries -- Machinery and Equipment

Mnemonic: PFIAGFTM

Period: 1958-74

PFIAGFTM - PF41

= - .098369
(1.56)

+ 1.14178 (PFIAGFTM(-1) - PF41(-1))
(5.21)

- .67637 (PFIAGFTM(-2) - PF41(-2))
(2.99)

+ .0011695 TIME
(1.35)

$\bar{R}^2 = .714$

SEE = .0118

D.W. = 1.919

Equation No.: 1240

Name: Deflator, Investment, Forestry Industry -- Machinery and
Equipment

Mnemonic: PFIFSTYM31.9

Period: 1958-74

PFIFSTYM31.9 - PF42

= + .035161
(2.52)

+ 1.22207 (PFIFSTYM31.9(-1) - PF42(-1))
(7.14)

- .73498 (PFIFSTYM31.9(-2) - PF42(-2))
(3.48)

+ .0088362 PFDUM6170
(0.76)

- .020437 PFDUM6670
(1.81)

- .042566 PFDUM7174
(2.68)

$\bar{R}^2 = .915$

SEE = .0152

D.W. = 2.221

Equation No.: 1241

Name: Deflator, Investment, Coal Mining Industry -- Machinery and
Equipment and CICOE

Mnemonic: PFIMICLM61

Period: 1958-74

PFIMICLM61 - PF43

= - .0047071
(0.33)

+ .85706 (PFIMICLM61(-1) - PF43(-1))
(3.75)

- .082450 (PFIMICLM61(-2) - PF43(-2))
(0.34)

+ .022664 PFDUM6170
(1.68)

- .015317 PFDUM6670
(1.20)

- .018206 PFDUM7174
(1.08)

$\bar{R}^2 = .881$

SEE = .0136

D.W. = 2.138

Equation No.: 1242

Name: Deflator, Investment, Crude Petroleum, Natural Gas and Services
Incidental to Mining Industry -- Machinery and Equipment

Mnemonic: PFIMIPM64+96.9

Period: 1958-74

PFIMIPM64+96.9 - PF43

= - .015697
(2.94)

+ 1.13235 (PFIMIPM64+96.9(-1) - PF43(-1))
(5.44)

- .46284 (PFIMIPM64+96.9(-2) - PF43(-2))
(2.76)

+ .024725 PFDUM6170
(3.21)

$\bar{R}^2 = .917$

SEE = .0116

D.W. = 2.130

Equation No.: 1243

Name: Deflator, Investment, Metal Mining Industry -- Machinery and
Equipment

Mnemonic: PFIMIMMM51.9

Period: 1958-74

PFIMIMMM51.9 - PF43

= + .010364
(0.90)

+ 1.00453 (PFIMIMMM51.9(-1) - PF43(-1))
(5.51)

- .047571 (PFIMIMMM51.9(-2) - PF43(-2))
(0.22)

+ .010108 PFDUM6170
(0.99)

- .027214 PFDUM6670
(2.55)

- .032125 PFDUM7174
(2.32)

$\bar{R}^2 = .940$

SEE = .0099

D.W. = 1.745

Equation No.: 1244

Name: Deflator, Investment, Nonmetal Mining Industry (Excluding
Coal) -- Machinery and Equipment

Mnemonic: PFIMINMM71.87

Period: 1957-74

(PFIMINMM71.87 - PF43) - (PFIMINMM71.87(-1) - PF43(-1))

= + .017376
(5.30)

- .026551 PFDUM6670
(4.84)

- .039550 PFDUM7174
(6.69)

$\bar{R}^2 = .748$

SEE = .0098

D.W. = 1.993

Equation No.: 1245

Name: Deflator, Investment, Wood Industry -- Machinery and Equipment
and CICOE

Mnemonic: PFIMFDM251.9

Period: 1957-74

PFIMFDM251.9 - PF50

= - .23273
(2.60)

+ .37276 (PFIMFDM251.9(-1) - PF50(-1))
(1.59)

+ .0031590 TIME
(2.59)

$\bar{R}^2 = .739$

SEE = .0152

D.W. = 1.776

Equation No.: 1246

Name: Deflator, Investment, Furniture and Fixtures Industry --
Machinery and Equipment and CICOE

Mnemonic: PFIMFDM261.8

Period: 1959-74

PFIMFDM261.8 - PF51

= - 1.41821
(1.57)

+ .037004 TIME
(1.39)

- .00024633 (TIME * TIME)
(1.24)

+ sum(i=1,3)b(i) (PFIMFDM261.8(-i) - PF51(-i))

i	b(i)	t(i)
1	+.045845	(0.20)
2	-.14382	(0.96)
3	-.33349	(1.45)
sum	-.43146	(0.96)
(1,3,NONE)		

$\bar{R}^2 = .469$

SEE = .0145

D.W. = 2.004

Equation No.: 1247

Name: Deflator, Investment, Iron and Steel Industry -- Machinery and
Equipment and CICOE

Mnemonic: PFIMFDM291.4

Period: 1958-74

PFIMFDM291.4 - PF54

= - .23434
(2.75)

+ .83086 (PFIMFDM291.4(-1) - PF54(-1))
(3.01)

- .53901 (PFIMFDM291.4(-2) - PF54(-2))
(1.98)

+ .0032829 TIME
(2.78)

$\bar{R}^2 = .863$

SEE = .0092

D.W. = 1.634

Equation No.: 1248

Name: Deflator, Investment, Nonferrous Metal Industry -- Machinery and
Equipment

Mnemonic: PFIMFDM295.8

Period: 1959-74

PFIMFDM295.8 - PF54

= - .23694
(2.62)

+ .76235 (PFIMFDM295.8(-1) - PF54(-1))
(2.71)

- .47571 (PFIMFDM295.8(-2) - PF54(-2))
(1.70)

+ .0033235 TIME
(2.66)

$\bar{R}^2 = .853$

SEE = .0096

D.W. = 1.747

Equation No.: 1249

Name: Deflator, Investment, Metal Fabricating Industry -- Machinery
and Equipment and CICOE

Mnemonic: PFIMFDM301.9

Period: 1958-74

PFIMFDM301.9 / PF55

= + .178496
(2.10)

+ .937208 (PFIMFDM301.9(-1) / PF55(-1))
(3.32)

- .54793 (PFIMFDM301.9(-2) / PF55(-2))
(1.87)

+ .0061834 TIME
(2.63)

$\bar{R}^2 = .918$

SEE = .0148

D.W. = 1.755

Equation No.: 1250

Name: Deflator, Investment, Machinery (Excluding Electrical Machinery)
Industry -- Machinery and Equipment and CICOE

Mnemonic: PFIMFDM311.8

Period: 1958-74

PFIMFDM311.8 / PF56

= + .097210
(1.44)

+ 1.05926 (PFIMFDM311.8(-1) / PF56(-1))
(4.14)

- .65748 (PFIMFDM311.8(-2) / PF56(-2))
(2.47)

+ .0071558 TIME
(2.93)

$\bar{R}^2 = .927$

SEE = .0165

D.W. = 1.720

Equation No.: 1251

Name: Deflator, Investment, Nonauto Transport Equipment -- Machinery
and Equipment and CICOE

Mnemonic: PFIMFDM321+26.9

Period: 1958-74

PFIMFDM321+26.9 / PF57

= + .092760
(1.37)

+ 1.11772 (PFIMFDM321+26.9(-1) / PF57(-1))
(4.26)

- .61369 (PFIMFDM321+26.9(-2) / PF57(-2))
(2.28)

+ .0057985 TIME
(2.56)

$\bar{R}^2 = .923$

SEE = .0164

D.W. = 1.728

Equation No.: 1252

Name: Deflator, Investment, Motor Vehicles Industry (Excluding Parts
and Accessories) -- Machinery and Equipment and CIOE

Mnemonic: PFIMFDM323.4

Period: 1958-74

PFIMFDM323.4 / PF57

= + .074610
(1.28)

+ 1.22000 (PFIMFDM323.4(-1) / PF57(-1))
(4.87)

- .71040 (PFIMFDM323.4(-2) / PF57(-2))
(2.72)

+ .0059729 TIME
(2.80)

$\bar{R}^2 = .943$

SEE = .0145

D.W. = 1.401

Equation No.: 1253

Name: Deflator, Investment, Motor Vehicle Parts and Accessories
Industry -- Machinery and Equipment and CICOE

Mnemonic: PFIMFDM325

Period: 1958-74

PFIMFDM325 - PF57

= - .49972
(3.10)

+ .99924 (PFIMFDM325(-1) - PF57(-1))
(3.45)

- .75303 (PFIMFDM325(-2) - PF57(-2))
(2.56)

+ .0071638 TIME
(3.15)

$\bar{R}^2 = .900$

SEE = .0157

D.W. = 1.509

Equation No.: 1254

Name: Deflator, Investment, Electrical Products Industry --
Machinery and Equipment and CICOE

Mnemonic: PFIMFDM331.9

Period: 1958-74

PFIMFDM331.9 - PF58

= - .31550
(3.17)

+ .99167 (PFIMFDM331.9(-1) - PF58(-1))
(4.19)

- .68317 (PFIMFDM331.9(-2) - PF58(-2))
(2.85)

+ .0044455 TIME
(3.20)

$\bar{R}^2 = .889$

SEE = .0118

D.W. = 1.605

Equation No.: 1255

Name: Deflator, Investment, Nonmetal Mining Products Industry --
Machinery and Equipment and CICOE

Mnemonic: PFIMFDM351.9

Period: 1958-74

PFIMFDM351.9 - PF59

= - .29464
(3.11)

+ 1.05280 (PFIMFDM351.9(-1) - PF59(-1))
(4.42)

- .70713 (PFIMFDM351.9(-2) - PF59(-2))
(2.95)

+ .0041791 TIME
(3.14)

$\bar{R}^2 = .886$

SEE = .0119

D.W. = 1.595

Equation No.: 1256

Name: Deflator, Investment, Food and Beverages Industry --
Machinery and Equipment and CICOE

Mnemonic: PFIMFNDM101.9

Period: 1958-74

PFIMFNDM101.9 - PF44

= - .31074
(3.47)

+ 1.06801 (PFIMFNDM101.9(-1) - PF44(-1))
(4.96)

- .76009 (PFIMFNDM101.9(-2) - PF44(-2))
(3.49)

+ .0044021 TIME
(3.47)

$\bar{R}^2 = .862$

SEE = .0137

D.W. = 1.483

Equation No.: 1257

Name: Deflator, Investment, Tobacco Products Industry --
Machinery and Equipment and CICOE

Mnemonic: PFIMFNDM151.3

Period: 1958-74

PFIMFNDM151.3 - PF45

= - .26072
(2.80)

+ .91228 (PFIMFNDM151.3(-1) - PF45(-1))
(3.81)

- .58429 (PFIMFNDM151.3(-2) - PF45(-2))
(2.44)

+ .0036709 TIME
(2.82)

$\bar{R}^2 = .844$

SEE = .0125

D.W. = 1.963

Equation No.: 1258

Name: Deflator, Investment, Rubber and Plastic Products
Industry -- Machinery and Equipment and CIOE

Mnemonic: PFIMFNDM162.5

Period: 1958-74

PFIMFNDM162.5 - PF46

= - .32602
(3.05)

+ .90287 (PFIMFNDM162.5(-1) - PF46(-1))
(3.46)

- .66290 (PFIMFNDM162.5(-2) - PF46(-2))
(2.55)

+ .0046008 TIME
(3.09)

$\bar{R}^2 = .871$

SEE = .0121

D.W. = 1.612

Equation No.: 1259

Name: Deflator, Investment, Leather Industry -- Machinery
and Equipment and CICOE

Mnemonic: PFIMFNDM172.9

Period: 1958-74

PFIMFNDM172.9 - PF47

= - .26256
(2.84)

+ .60894 (PFIMFNDM172.9(-1) - PF47(-1))
(2.11)

- .47946 (PFIMFNDM172.9(-2) - PF47(-2))
(1.67)

+ .0036880 TIME
(2.87)

$\bar{R}^2 = .773$

SEE = .0113

D.W. = 1.839

Equation No.: 1260

Name: Deflator, Investment, Textile Industry -- Machinery
and Equipment and CICOE

Mnemonic: PFIMFNDM181.9

Period: 1958-74

PFIMFNDM181.9 - PF48

= - .02785
(1.36)

+ .87528 (PFIMFNDM181.9(-1) - PF48(-1))
(3.76)

- .23021 (PFIMFNDM181.9(-2) - PF48(-2))
(1.45)

+ .025574 PFDUM6170
(1.35)

+ .033753 PFDUM7174
(1.51)

$\bar{R}^2 = .953$

SEE = .0116

D.W. = 2.453

Equation No.: 1261

Name: Deflator, Investment, Knitting and Clothing Industry --
Machinery and Equipment and CICOE

Mnemonic: PFIMFNDM231.49

Period: 1958-74

PFIMFNDM231.49 - PF49

= + .0048306
(1.54)

+ 1.19392 (PFIMFNDM231.49(-1) - PF49(-1))
(6.89)

- .45779 (PFIMFNDM231.49(-2) - PF49(-2))
(2.71)

$\bar{R}^2 = .856$

SEE = .0126

D.W. = 2.582

Equation No.: 1262

Name: Deflator, Investment, Paper and Allied Industry --
Machinery and Equipment and CICOE

Mnemonic: PFIMFNDM271.4

Period: 1958-74

PFIMFNDM271.4 - PF52

= - .10971
(1.79)

+ 1.17748 (PFIMFNDM271.4(-1) - PF52(-1))
(4.52)

- .55783 (PFIMFNDM271.4(-2) - PF52(-2))
(1.93)

+ .0015343 TIME
(1.81)

$\bar{R}^2 = .737$

SEE = .0133

D.W. = 1.759

Equation No.: 1263

Name: Deflator, Investment, Printing, Publishing, and Allied
Industry -- Machinery and Equipment and CIOE

Mnemonic: PFIMFNDM286.9

Period: 1958-74

PFIMFNDM286.9 - PF53

= - .0089950
(1.20)

+ 1.28888 (PFIMFNDM286.9(-1) - PF53(-1))
(4.30)

- .50633 (PFIMFNDM286.9(-2) - PF53(-2))
(1.79)

$\bar{R}^2 = .700$

SEE = .0230

D.W. = 1.785

Equation No.: 1264

Name: Deflator, Investment, Petroleum and Coal Products Industry --
Machinery and Equipment and CICOE

Mnemonic: PFIMFNDM365.9

Period: 1958-74

PFIMFNDM365.9 - PF60

= - .23954
(2.57)

+ 1.11986 (PFIMFNDM365.9(-1) - PF60(-1))
(4.78)

- .64850 (PFIMFNDM365.9(-2) - PF60(-2))
(2.75)

+ .0034603 TIME
(2.59)

$\bar{R}^2 = .854$

SEE = .014

D.W. = 1.619

Equation No.: 1265

Name: Deflator, Investment, Chemical and Chemical Products Industry --
Machinery and Equipment and CICOE

Mnemonic: PFIMFNDM372.9

Period: 1958-74

PFIMFNDM372.9 - PF61

= - .016409
(2.85)

+ 1.22700 (PFIMFNDM372.9(-1) - PF61(-1))
(5.85)

- .58354 (PFIMFNDM372.9(-2) - PF61(-2))
(2.95)

+ .015717 PFDUM6170
(2.43)

$\bar{R}^2 = .812$

SEE = .0119

D.W. = 2.164

Equation No.: 1266

Name: Deflator, Investment, Miscellaneous Manufacturing Industry --
Machinery and Equipment and CICOE

Mnemonic: PFIMFNDM391.9

Period: 1958-74

PFIMFNDM391.9 - PF62

= - .37517
(3.11)

+ .92682 (PFIMFNDM391.9(-1) - PF62(-1))
(3.69)

- .65981 (PFIMFNDM391.9(-2) - PF62(-2))
(2.64)

+ .0053172 TIME
(3.15)

$\bar{R}^2 = .864$

SEE = .015

D.W. = 1.728

Equation No.: 1267

Name: Deflator, Investment, Construction Industry --
Machinery and Equipment

Mnemonic: PFICNSTM

Period: 1958-74

PFICNSTM - PF63

= - .0069649
(1.88)

+ 1.35911 (PFICNSTM(-1) - PF63(-1))
(6.93)

- .57709 (PFICNSTM(-2) - PF63(-2))
(3.23)

$\bar{R}^2 = .884$

SEE = .0102

D.W. = 1.850

Equation No.: 1268

Name: Deflator, Investment, Transport Industry --
Machinery and Equipment and CICOE

Mnemonic: PFITRSPM501.27

Period: 1958-74

PFITRSPM501.27 / PF65

= + .46994
(3.24)

+ .93398 (PFITRSPM501.27(-1) / PF65(-1))
(4.09)

- .41238 (PFITRSPM501.27(-2) / PF65(-2))
(2.00)

$\bar{R}^2 = .536$

SEE = .0104

D.W. = 1.940

Equation No.: 1269

Name: Deflator, Investment, Communication Industry --
Machinery and Equipment

Mnemonic: PFICOMMM543.8

Period: 1957-74

PFICOMMM543.8 - PF66

= - .0097539
(1.78)

+ .74121 (PFICOMMM543.8(-1) - PF66(-1))
(6.05)

- .011878 PFDUM6170
(1.50)

+ .027701 PFDUM6670
(3.39)

$\bar{R}^2 = .799$

SEE = .0124

D.W. = 2.279

Equation No.: 1270

Name: Deflator, Investment, Financial, Insurance and Real Estate
Industry -- Machinery and Equipment

Mnemonic: PFIFIREM701.37

Period: 1958-74

PFIFIREM701.37 - PF68

= + .076549
(1.32)

+ 1.27847 (PFIFIREM701.37(-1) - PF68(-1))
(4.64)

- .90453 (PFIFIREM701.37(-2) - PF68(-2))
(3.23)

- .0013368 TIME
(1.52)

$\bar{R}^2 = .554$

SEE = .0173

D.W. = 1.343

Equation No.: 1271

Name: Deflator, Investment, Utility Industry -- Machinery
and Equipment and CICOE

Mnemonic: PFIUTILM572.9

Period: 1959-74

PFIUTILM572.9 - PF64

= + .043325
(2.29)

- .082062 PFDUM6170
(3.17)

+ sum(i=1,3)b(-i) (PFIUTILM572.9(-i) - PF64(-i))

i	b(i)	t(i)
1	+.0037487	(0.016)
2	+.13149	(2.50)
3	+.25924	(1.50)
sum	+.39448	(2.50)
(1,3,NONE)		

$\bar{R}^2 = .630$

SEE = .0431

D.W. = 1.574

Equation No.: 1272

Name: Deflator, Investment, Wholesale and Retail Trade Industry --
Machinery and Equipment and CICOE

Mnemonic: PFITRADM602.99

Period: 1958-74

PFITRADM602.99 / PF67

= + .64169
(2.70)

+ .87196 (PFITRADM602.99(-1) / PF67(-1))
(3.29)

- .52239 (PFITRADM602.99(-2) / PF67(-2))
(1.92)

- .020782 PFDUM6170
(2.07)

+ .015167 PFDUM6670
(2.03)

$\bar{R}^2 = .693$

SEE = .0112

D.W. = 1.660

Equation No.: 1273

Name: Deflator, Investment, Commercial Services Industry --
Machinery and Equipment

Mnemonic: PFISVCMM

Period: 1958-74

PFISVCMM - PF69

= + .15601
(1.28)

+ 1.07301 (PFISVCMM(-1) - PF69(-1))
(4.29)

- .38217 (PFISVCMM(-2) - PF69(-2))
(1.44)

- .0023245 TIME
(1.31)

$\bar{R}^2 = .877$

SEE = .017

D.W. = 2.040

Equation No.: 1274

Name: Deflator, Investment, Other Noncommercial Services Industry --
Machinery and Equipment

Mnemonic: PFISVNCM

Period: 1957-74

PFISVNCM - PF69

= + .026406
(2.54)

+ .46056 (PFISVNCM(-1) - PF69(-1))
(3.04)

- .036785 PFDUM6170
(3.02)

- .022728 PFDUM7174
(1.84)

$\bar{R}^2 = .783$

SEE = .0144

D.W. = 2.180

Equation No.: 1275

Name: Deflator, Investment, College and University Education --
Machinery and Equipment

Mnemonic: PFISVHGEDM806

Period: 1958-74

PFISVHGEDM806 - PF70

= + .20615
(2.59)

+ .55178 (PFISVHGEDM806(-1) - PF70(-1))
(1.96)

- .42579 (PFISVHGEDM806(-2) - PF70(-2))
(1.49)

- .0030782 TIME
(2.63)

$\bar{R}^2 = .619$

SEE = .013

D.W. = 1.997

ANOTHER PLASTITAB PRODUCT BY LOWE-MARTIN COMPANY INC

FINAL DEMAND DEFLATORS
BUSINESS FIXED INVESTMENT RESIDENTIAL

The residential block of CANDIDE Model 2.0 contains demand functions for singles, multiples, real estate commissions, mobile homes, cottages, and other construction expenditures. However, all these components have only one common final demand price deflator. The National Accounts data currently provide different deflators for each one of these categories, but do not provide separate deflators by type of construction for the period prior to 1970. In consequence, we have used a single common deflator which, like others in the final demand price block, is related to the pseudo final demand construction deflator through regression techniques. Once estimates of this deflator are calculated, price times quantity identities can be used to develop an estimate of the National Accounts total for residential construction in current prices.

BUSINESS FIXED INVESTMENT RESIDENTIAL PRICE BLOCK

VARIABLES DETERMINED OUTSIDE THE BUSINESS FIXED INVESTMENT RESIDENTIAL PRICE BLOCK

GOVT EXPND - INVST TOTAL CAPITAL FORMATION	GE.INV.CAPES
GOVT EXPND - INVST RESIDENTIAL	GE.INV.RESS
GROSS FIXED CAPITAL FORMATION - TOTAL	GFC
GROSS FIXED CAPITAL FORMATION - BUSINESS	GFC.B
INV BUS NONRES CONST, NATIONAL ACCOUNTS	IBNACOS
INV BUS MACH & EQUIP - NATIONAL ACCOUNTS	IBNAM\$
RESIDENTIAL CONST INVST - COTTAGES	RCICTG
RESIDENTIAL CONST INVST - MOBILE HOMES	RCIMBL
RESIDENTIAL CONST INVST - MULTIPLES	RCIMLT
RESIDENTIAL CONST INVST - OTHER	RCIOTH
RESIDENTIAL CONST INVST - REAL ESTATE COMMISSIONS	RCIREC
RESIDENTIAL CONST INVST - SINGLES	RCISGLE

VARIABLES EXOGENOUS TO THE BUSINESS FIXED INVESTMENT RESIDENTIAL PRICE BLOCK

RESIDENTIAL CONST INVST - GOVT, DEFENCE	RCIGDS	E
RESIDENTIAL CONST INVST - BUSINESS, TOTAL NA RNDNG ERROR	RCINAB.RDS	E

VARIABLES ENDOGENOUS TO THE BUSINESS FIXED INVESTMENT RESIDENTIAL PRICE BLOCK (BOTH BEHAVIOURAL & IDENTITIES)

DEFLATOR RESIDENTIAL CONST INVST - BUS TOTAL NA			
RESIDENTIAL CONST INVST - COTTAGES			
RESIDENTIAL CONST INVST - MOBILE HOMES			
RESIDENTIAL CONST INVST - REAL ESTATE COMMISSIONS			
RESIDENTIAL CONST INVST - OTHER			
RESIDENTIAL CONST INVST - MULTIPLES			
RESIDENTIAL CONST INVST - SINGLES			
RESIDENTIAL CONST INVST - BUS, TOTAL NA			
GROSS FIXED CAPITAL FORMATION - BUSINESS			
DEFLATOR - INV BUSINESS			
GROSS FIXED CAPITAL FORMATION - TOTAL			
DEFLATOR INV EXPND - TOTAL			
	PERCINAB		B
	RCICTG\$		= PPRCINAB * RCICTG
	RCIMBL\$		= PPRCINAB * RCIMBL
	RCIREC\$		= PPRCINAB * RCIREC
	RCIOTH\$		= PPRCINAB * RCIOTH
	RCIMLT\$		= PPRCINAB * RCIMLT
	RCISGL\$		= PPRCINAB * RCISGL
	RCINAB\$		= PPRCINAB * RCIMLT\$ + RCIOTH\$ + RCIREC\$ + RCIMBL\$
			+ RCISGL\$ - GE.INV.RESS - RCIGD\$ + RCINAB.RD\$
	GFC.B\$		= RCINAB\$ + IBNACOS + IBNAM\$
	PGFC.B		= GFC.B\$ / GFC.B
	GFC\$		= GFC.B\$ + GE.INV.CAPES
	PGFC		= GFC\$ / GFC

Equation No.: 1358

Name: Deflator, Residential Construction Investment -- Business

Mnemonic: PFCINAB

Period: 1957-74

$((\text{PFCINAB} - \text{PFCINAB}(-1)) / \text{PFCINAB}(-1)) * 100$

$= + 1.05023 \quad (((\text{PF75} - \text{PF75}(-1)) / \text{PF75}(-1)) * 100)$
(11.81)

$\bar{R}^2 = 0.797$

SEE = 2.366

D. W. = 1.718

ANOTHER PLASTITAB PRODUCT BY LOWE-MARTIN COMPANY INC.

79-2181

FINAL DEMAND DEFLATORS
INVENTORIES

For inventories the final demand price converter provides two deflators. One is associated with raw materials and the other associated with finished goods. These pseudo deflators are used as the explanatory variables in stochastic equations to explain movements in the raw materials and finished goods inventory stock prices. Given these two deflators, an estimate of the current dollar value of inventory stock is obtained.

In using the current dollar value of the stock to derive estimates of current dollar inventory change, we must account for the inventory valuation adjustment (the change in the value of current dollar inventory stock associated with price movements). Using the inventory valuation adjustment series from National Accounts and beginning period inventory stock estimates, we derive a deflator implied by the movements of the inventory valuation adjustment. This derived deflator is regressed on the nonagricultural inventory stock deflator (the right hand side variable is a weighted average of the finished goods and raw materials prices mentioned previously). The inventory valuation adjustment is then influenced by the initial stock (real terms) and the change in this derived deflator.

In running simulations with CANDIDE Model 2.0 one should be aware of the impact that changes in various indirect taxes have on the inventory valuation adjustment. The impact is made clear by indicating the differential effect that occurs when we compare a manufacturers' sales tax cut with a provincial sales tax cut. The manufacturers' sales tax is levied at an intermediate stage of production. It is levied on the prices associated with total commodity supply. The provincial sales tax is levied at the final demand level. This is the last step in price conversion. Furthermore it is only levied if a good passes into the hands of a consumer. Consequently changes in provincial sales tax rates should not affect the inventory valuation adjustment. However, changes in the manufacturers' sales tax rates should affect the inventory valuation adjustment. In CANDIDE Model 2.0, this is the case. If manufacturers' sales taxes are cut, there is a substantial movement in the inventory valuation adjustment. This is because the deflators associated with inventory stocks (raw materials and finished goods) are tied using regression techniques to the pseudo deflators available from price conversion, and not to final demand deflators associated with consumption, investment, et cetera.

INVENTORY PRICE BLOCK

VARIABLES DETERMINED OUTSIDE THE INVENTORY PRICE BLOCK

INVENTORY - TOTAL ECONOMY	INV
INVENTORY - AGRICULTURE	INVAG
INVENTORY - FINISHED GOODS TOTAL	INVFG
INVENTORY - GOVERNMENT	INVG
INVENTORY - NONAGRICULTURE	INVNAG
INVENTORY - RAW MATERIALS TOTAL	INVRM
DUMMY VARIABLE - FINAL DEMAND PRICE BLOCK	PFDM6170
DUMMY VARIABLE - FINAL DEMAND PRICE BLOCK	TIME

VARIABLES EXOGENOUS TO THE INVENTORY PRICE BLOCK

INVENTORY CHANGE - GRAIN IN COMMERCIAL CHANNELS	.INVGIC\$	E
DEFLATOR INVENTORY - AGRICULTURE	PFINVAG	E
DEFLATOR INVENTORY - GOVERNMENT	PFINVG	E

VARIABLES ENDOGENOUS TO THE INVENTORY PRICE BLOCK (BOTH BEHAVIOURAL AND IDENTITIES)

DEFLATOR INVENTORY - RAW MATERIALS	PFINVRM	B
DEFLATOR INVENTORY - FINISHED GOODS	PFINVFG	B
INVENTORY - TOTAL ECONOMY	INVS	= PFINVRM * INVRM + PFINVFG * INVFG
INVENTORY - AGRICULTURE	INVAG\$	= INVAG * PFINVAG
INVENTORY CHANGE - AGRICULTURE	INVAG\$	= INVAG\$ - INVAG\$(-1)
INVENTORY CHANGE - AGRIC. (LESS GRAIN IN COMM. CHANNELS)	INVPARM\$	= INVAG\$ - INVAGIC\$
INVENTORY - GOVERNMENT	INVGV\$	= INVGV * PFINVGV
DEFLATOR INVENTORY - NONAGRICULTURE	PFINVNAG	= (INV\$ - INVGV\$ - INVAG\$) / (INV - INVGV - INVAG)
DEFLATOR INVENTORY - NONAGRIC. (RE-EVAL. TO ACQUISITION)	PFINVNAGREV	B
INVENTORY VALUATION ADJUSTMENT - NONAGRICULTURE	IN.VANAG\$	= (-1) * INVNAG(-1) * (PFINVNAGREV - PFINVNAGREV(-1))
INVENTORY CHANGE - TOTAL ECONOMY	INV\$	= INV\$ - INV\$(-1) + IN.VANAG\$
DEFLATOR INVENTORY - TOTAL ECONOMY	PFINV	= INV\$ / INV

Equation No.: 43

Name: Deflator, Inventory - Raw Materials Total

Mnemonic: PFINVRM

Period: 1957-74

PFINVRM - PF76

= - .161194
(1.67)

+ .490217 (PFINVRM(-1) - PF76(-1))
(1.99)

+ .00217656 TIME
(1.62)

$\bar{R}^2 = .727$

SEE = .015

D.W. = 1.441

Equation No.: 44

Name: Deflator, Inventory - Finished Goods

Mnemonic: PFINVFG

Period: 1956-74

PFINVFG

= + 0.58983
(35.29)

+ 0.43537 PF77
(26.40)

- 0.045754 PFDUM6170
(7.63)

$\bar{R}^2 = 0.980$

SEE = 0.0128

D.W. = 1.314

Equation No.: 39

Name: Deflator, Inventory - Revaluer

Mnemonic: PFINVNAGREV

Period: 1956-74

PFINVNAGREV

= - .030516
(10.95)

+ 1.03088 PFINVNAG
(341.49)

$\bar{R}^2 = 1.000$

SEE = .0019

D.W. = 1.599

FINAL DEMAND DEFLATORS
IMPORTS AND EXPORTS

In CANDIDE Model 2.0 the import and export deflators are exogenous except for exchange rate influences (the exchange rate is endogenous). The deflators are entered in equivalent U.S. dollar terms as exogenous variables. The exchange rate is used to determine the Canadian dollar equivalent. This method of introducing the exchange rate into import and export prices implies immediate and full pass through of exchange rate variations to domestic prices.

The import and export prices in the system play a number of roles. On final demand side of the model they are used in several methods in the price relatives in the import and export demand functions. In some cases, the Canadian import price, in a role as a proxy for a foreign price connected with a specific area of activity, is used relative to a Canadian export price to obtain an estimate of the substitution effect. The latter price is analogous to an industry selling price, particularly in the area of manufactured exports, and therefore is a reasonable proxy for an industry specific price. In other cases the import price is used relative to a comparable Canadian domestic price.

The export and import prices are also used in the price times quantity identities to develop nominal estimates

of the various trade flows which when tallied equal the National Accounts total. International transfers are determined by stochastic equations, and added to the National Account import and export aggregates in order to obtain the Balance of Payments totals. These are used in the Balance of Payments block to obtain the Current Account Balance.

Import prices influence price conversion. Import prices are re-weighted and assigned to industry categories which are then combined (using the Use and Make Matrices and the import content vector) with domestic prices to develop a price associated with each commodity. The average weight of import prices is 20%, with the highest weights occurring in the machinery and automobile sectors. The high import content of total supply results in some insensitivity of the final demand deflators to domestic price shocks. Simulations with CANDIDE 2.0 suggest that only two-thirds of a domestic price shock is passed through to the implicit deflators for consumption and the CPI and about one-third to the machinery and equipment deflators in the price conversion process.

Although critical in the short run, the high weight associated with import content is more critical in the long run. Since import and export prices are exogenous, one finds that equilibrium price behaviour in the long run is tied directly to the exogenous assumptions made about the path of import and export prices. In an open economy where

a large percentage of the goods consumed are imported this is not unrealistic. However, in doing alternative simulations with policy content it is important to recognize that if no adjustment is made to import prices, the alternatives may exhibit sticky final demand price behaviour. This result is important because it has a bearing on the path of the real wage. In simple terms if 20% of the weight of the CPI is tied to import prices, which under conditions of a quantity shock are left unchanged from the control, there will be a tendency for money wages to rise faster than the CPI.

This increase in the real wage can be partially attributed to the exogenous nature of import prices. The result has a bearing on the real wage and thus the multiplier properties of CANDIDE Model 2.0. It also affects the labour supply and labour demand side of the Model. Since the real wage plays an important role in determining the outcome of many other variables in CANDIDE Model 2.0 one must keep in mind the exogenous nature of import and export prices when examining policy alternatives.

VARIABLES DETERMINED OUTSIDE THE IMPORTS PRICE BLOCK

TOTAL POPULATION CANADA	DPOP
FED GOVT EXPND - TRNFS TO NON RES, OFF CONTRIBUTIONS	GEF.TNR.OCONT\$
FED GOVT EXPND - TRNFS TO NON RES, PENSIONS	GEF.TNR.PEN\$
FED GOVT REVENUE - DIRECT TAXES NON RES WITHHOLDING TAX	GRF.DT.NR\$
PERSONAL DISPOSABLE INCOME	PDI\$
EXCHANGE RATE IN \$CAN PER UNIT OF \$US	REXCAN
IMPORTS RESIDUAL AGRICULTURAL PRODUCTS - WORLD	TMAGRESW
IMPORTS AGRICULTURAL PRODUCTS - WORLD	TMAGRW
IMPORTS AIRCRAFT & PARTS - WORLD	TMAIRCW
IMPORTS ALCOHOLIC BEVERAGES - WORLD	TMALBVM
IMPORTS APPAREL & HOUSEHOLD GOODS - WORLD	TMAPHTW
IMPORTS BUSINESS MACHINERY - WORLD	TMBZMAW
IMPORTS CHEMICALS & PROD - WORLD	TMCHEMW
IMPORTS COAL - WORLD	TMCOALW
IMPORTS CRUDE MATERIALS - WORLD	TMCRUDEW
IMPORTS DAIRY MEAT FISH PROD - WORLD	TMDAMEW
IMPORTS OTHER FUELS & PROD - WORLD	TMEUPTW
IMPORTS FRUITS & VEGETABLES - WORLD	TMEUVEW
IMPORTS GOODS & SERVICES - NA BASIS - WORLD	TMG+SNAW
IMPORTS TOTAL GOODS - WORLD	TMGW
IMPORTS INDUSTRIAL MACHINERY - WORLD	TMINMAW
IMPORTS IRON & STEEL & ALLOYS - WORLD	TMIRASW
IMPORTS MACHINERY - WORLD	TMIRASHW
IMPORTS AGRICULTURAL MACHINERY - WORLD	TMAFAW
IMPORTS MISC MANUFACTURED GOODS - WORLD	TMMCMEFW
IMPORTS MISC PROCESSED GOODS - WORLD	TMPCPCRW
IMPORTS MISC EQUIPMENT & TOOLS - WORLD	TMEQOTW
IMPORTS METALS - WORLD	TMMETALW
IMPORTS HIGHLY MANUFACTURED GOODS - WORLD	TMMERW
IMPORTS MISC PERSONAL & HHOLD EQUIP - WORLD	TMMTRVEHW
IMPORTS MOTOR VEHICLES - WORLD	TMMTRVPARTSW
IMPORTS MOTOR VEHICLE PARTS - WORLD	TMNOCW
IMPORTS NONFERROUS METALS AND ALLOYS - WORLD	TMNOCW
IMPORTS NONCOMPETITIVE PROD - WORLD	TMOCDMTW
IMPORTS OTHER CRUDE MATERIALS - WORLD	TMPETOW
IMPORTS CRUDE PETROLEUM - WORLD	TMPROCW
IMPORTS RESIDUAL TRANSPORT EQUIP - WORLD	TMRTRW
IMPORTS RESERVE PYMTS - FREIGHT & SHIPPING - WORLD	TMSFRSHW
IMPORTS SERVICE PYMTS - INCOME PYMTS (EX NONRES) - WORLD	TMSIN+MIPYW
IMPORTS SERVICE PYMTS - OTHER SERVICES - WORLD	TMSOHTSERW
IMPORTS SPECIAL TRANSACTIONS - WORLD	TMSPECW
IMPORTS SERVICE PYMTS - TRAVEL - WORLD	TMSTRAVELW
IMPORTS SERVICE PYMTS - TOTAL (NA CONCEPT) - WORLD	TMSW
IMPORTS COMMUNICATIONS EQUIP - WORLD	TMTALKW
IMPORTS TEXTILES & MATERIALS - WORLD	TMTXKMW
IMPORTS TRANSPORTATION EQUIPMENT - WORLD	TMTWOPRW
IMPORTS PROCESSED WOOD PROD - WORLD	Y.DIVPNR\$
DIVIDENDS PAID TO NON-RESIDENTS	ZUSNPT
US - TOTAL POP INCL ARMED FORCES OVERSEAS (JULY 1)	ZUSNRUT
US - UNEMPLOYMENT RATE, CIVILIAN LABOR FORCE	ZUSYPDS
US - DISPOSABLE PERSONAL INCOME	

VARIABLES EXOGENOUS TO THE IMPORTS PRICE BLOCK

IMPORT PRICE - RESIDUAL AGRICULTURAL PROD - WORLD
 IMPORT PRICE - ALCOHOLIC BEVERAGES - WORLD
 IMPORT PRICE - APPAREL & HHOLD GOODS - WORLD
 IMPORT PRICE - BUSINESS MACHINERY
 IMPORT PRICE - CHEMICALS - WORLD
 IMPORT PRICE - COAL - WORLD
 IMPORT PRICE - DAIRY MEAT FISH PROD - WORLD
 IMPORT PRICE - FREIGHT & SHIPPING - WORLD
 IMPORT PRICE - FUEL PROD - WORLD
 IMPORT PRICE - FRUITS & VEGETABLES - WORLD
 IMPORT PRICE - INDUSTRIAL MACHINERY - WORLD
 IMPORT PRICE - INCOME PAYMENTS - WORLD
 IMPORT PRICE - IRON & STEEL - WORLD
 IMPORT PRICE - AGRICULTURAL MACHINERY - WORLD
 IMPORT PRICE - MISC MANUFACTURED GOODS - WORLD
 IMPORT PRICE - MISC PROCESSED GOODS - WORLD
 IMPORT PRICE - MISC EQUIP & TOOLS - WORLD
 IMPORT PRICE - MISC PERSONAL & HHOLD EQUIP - WORLD
 IMPORT PRICE - MOTOR VEHICLES - WORLD
 IMPORT PRICE - MOTOR VEHICLE PARTS - WORLD
 IMPORT PRICE - NONFERROUS METALS - WORLD
 IMPORT PRICE - NONCOMPETITIVE GOODS - WORLD
 IMPORT PRICE - OTHER CRUDE MATERIALS - WORLD
 IMPORT PRICE - OTHER SERVICE PAYMENTS - WORLD
 IMPORT PRICE - CRUDE PETROLEUM - WORLD
 IMPORT PRICE - TRANSPORT EQUIP - WORLD
 IMPORT PRICE - COMMUNICATIONS EQUIP - WORLD
 IMPORT PRICE - TEXTILES & MATERIALS - WORLD
 IMPORT PRICE - TRAVEL PAYMENTS - WORLD
 IMPORT PRICE - WOOD PROD - WORLD
 DUMMY VARIABLE - TRADE BLOCK
 DUMMY VARIABLE - TRADE BLOCK
 DUMMY VARIABLE - TRADE BLOCK
 IMPORTS DISCREPANCY BETWEEN NA & BAL OF PYMTS FIG
 IMPORTS RESIDUAL MERCHANDISE ADJUSTMENT - WORLD

PTM.US.AGRESM E
 PTM.US.ALBVW E
 PTM.US.APHTW E
 PTM.US.BZMAW E
 PTM.US.CHEMW E
 PTM.US.COALW E
 PTM.US.DAMEW E
 PTM.US.FRSHW E
 PTM.US.RUPTW E
 PTM.US.FUVEW E
 PTM.US.INMAW E
 PTM.US.INPYW E
 PTM.US.IRASW E
 PTM.US.MAFAW E
 PTM.US.MCMFRW E
 PTM.US.MCPROCW E
 PTM.US.MEQTW E
 PTM.US.MPERW E
 PTM.US.MTRVEHW E
 PTM.US.MTRVPRTW E
 PTM.US.NOFRW E
 PTM.US.NONCW E
 PTM.US.OCRMTW E
 PTM.US.OSERVW E
 PTM.US.PETOW E
 PTM.US.RETRW E
 PTM.US.TALKW E
 PTM.US.TEXMW E
 PTM.US.TRVLW E
 PTM.US.WOPRW E
 TDUM58 E
 TDUM67 E
 TDUM73 E
 TMNABPDCYWS E
 TMREMAWS E

IMPORT PRICE - ALCOHOLIC BEVERAGES - WORLD
 IMPORTS ALCOHOLIC BEVERAGES - WORLD
 IMPORT PRICE - FRUITS & VEGETABLES - WORLD
 IMPORTS FRUITS & VEGETABLES - WORLD
 IMPORT PRICE - DAIRY MEAT FISH PROD - WORLD
 IMPORTS MEAT FISH DAIRY PROD - WORLD
 IMPORT PRICE - RESIDUAL AGRICULTURAL PROD - WORLD
 IMPORTS RESIDUAL AGRICULTURAL PRODUCTS - WORLD
 IMPORTS AGRICULTURAL PRODUCTS - WORLD
 IMPORT PRICE - AGRICULTURAL - WORLD
 IMPORT PRICE - NONCOMPETITIVE GOODS - WORLD
 IMPORTS NONCOMPETITIVE PROD - WORLD
 IMPORT PRICE - COAL - WORLD
 IMPORTS COAL - WORLD
 IMPORT PRICE - CRUDE PETROLEUM - WORLD
 IMPORTS CRUDE PETROLEUM - WORLD
 IMPORT PRICE - OTHER CRUDE MATERIALS - WORLD
 IMPORTS OTHER CRUDE MATERIALS - WORLD
 IMPORTS CRUDE MATERIALS - WORLD
 IMPORT PRICE - CRUDE MATERIALS, INEDIBLE - WORLD
 IMPORT PRICE - WOOD PRODUCTS - WORLD
 IMPORTS PROCESSED WOOD PRODUCTS - WORLD
 IMPORT PRICE - IRON & STEEL - WORLD
 IMPORTS IRON & STEEL & ALLOYS - WORLD
 IMPORT PRICE - NONFERROUS METALS - WORLD
 IMPORTS NONFERROUS METALS & ALLOYS - WORLD
 IMPORTS METALS - WORLD
 IMPORT PRICE - METALS - WORLD
 IMPORT PRICE - TEXTILES & MATERIALS - WORLD
 IMPORTS TEXTILES & MATERIALS - WORLD
 IMPORT PRICE - CHEMICALS - WORLD
 IMPORTS CHEMICALS & PRODUCTS - WORLD
 IMPORT PRICE - FUEL PRODUCTS - WORLD
 IMPORTS OTHER FUELS & PRODUCTS - WORLD
 IMPORT PRICE - MISC PROCESSED PROD - WORLD
 IMPORTS MISC PROCESSED GOODS - WORLD
 IMPORTS PROCESSED GOODS - WORLD
 IMPORT PRICE - PROCESSED MATERIALS - WORLD
 IMPORT PRICE - AGRICULTURAL MACHINERY - WORLD
 IMPORTS AGRICULTURAL MACHINERY - WORLD
 IMPORT PRICE - INDUSTRIAL MACHINERY - WORLD
 IMPORTS INDUSTRIAL MACHINERY - WORLD
 IMPORT PRICE - BUSINESS MACHINERY
 IMPORTS BUSINESS MACHINERY - WORLD
 IMPORTS MACHINERY - WORLD
 IMPORT PRICE - MACHINERY - WORLD
 IMPORT PRICE - MOTOR VEHICLES - WORLD
 IMPORTS MOTOR VEHICLES - WORLD
 IMPORT PRICE - MOTOR VEHICLE PARTS - WORLD
 IMPORTS MOTOR VEHICLE PARTS - WORLD
 IMPORT PRICE - RESIDUAL TRANSPORT EQUIP - WORLD
 IMPORTS AIRCRAFT & PARTS - WORLD

PTM.CA.ALBVW
 TMLBVS
 PTM.CA.FUVEW
 TMFUVES
 PTM.CA.DAMEW
 TMDAMEW\$
 PTM.CA.AGRESH
 TMAGRESH\$
 TMAGRW\$
 PTM.CA.AGRW
 PTM.CA.NONCW
 TMNONCW\$
 PTM.CA.COALW
 TMCOLW\$
 PTM.CA.PETOW
 TMPETOW\$
 PTM.CA.OCRMTW
 TMOCRDMTW\$
 TMCRUDEWS
 PTM.CA.CRUEW
 PTM.CA.WOPRW
 TMWOPRW\$
 PTM.CA.IRASW
 THIRASW\$
 PTM.CA.NOFRW
 TMNOFRW\$
 TMMETALS
 PTM.CA.METALW
 PTM.CA.TEXMW
 TMTEXMW\$
 PTM.CA.CHEMW
 TMCHEMW\$
 PTM.CA.FUPTW
 TMFUPTW\$
 PTM.CA.MCPCROCH
 TMPCPCROCH\$
 TMPCROCH\$
 PTM.CA.PROC
 PTM.CA.MAFW
 TMMAFWS
 PTM.CA.INMAW
 TMINMAW\$
 PTM.CA.BZMAW
 TMBZMAW\$
 TMMACHWS
 PTM.CA.MACHW
 PTM.CA.MTRVEHW
 TMTRVEHWS
 PTM.CA.MTRVPRTW
 TMTRVPRTSW\$
 PTM.CA.RETRW
 TMAIRCWS
 PTM.US.ALBVW * REXCAN
 TMLBVW * PTM.CA.ALBVW
 PTM.US.FUVEW * REXCAN
 TMFUVW * PTM.CA.FUVEW
 PTM.US.DAMEW * REXCAN
 TMDAMEW * PTM.CA.DAMEW
 PTM.US.AGRESW * REXCAN
 TMAGRESW * PTM.CA.AGRESH
 TMLBVS * TMFUVES + TMDAMEWS + TMAGRESH\$
 TMAGRW\$ / TMAGRW
 PTM.US.NONCW * REXCAN
 TMNONCW * PTM.CA.NONCW
 PTM.US.COALW * REXCAN
 TMCOLW * PTM.CA.COALW
 PTM.US.PETOW * REXCAN
 TMPETOW * PTM.CA.PETOW
 PTM.US.OCRMTW * REXCAN
 TMOCRDMTW * PTM.CA.OCRMTW
 TMCOLWS + TMPETOWS + TMOCRDMTW\$
 TMCRUDEWS / TMCRUDEW
 PTM.US.WOPRW * REXCAN
 TMWOPRW * PTM.CA.WOPRW
 PTM.US.IRASW * REXCAN
 THIRASW * PTM.CA.IRASW
 PTM.US.NOFRW * REXCAN
 TMNOFRW * PTM.CA.NOFRW
 THIRASWS + TMNOFRWS
 TMMETALS / TMMETALW
 PTM.US.TEXMW * REXCAN
 TMTEXMW * PTM.CA.TEXMW
 PTM.US.CHEMW * REXCAN
 TMCHEMW * PTM.CA.CHEMW
 PTM.US.FUPTW * REXCAN
 TMFUPTW * PTM.CA.FUPTW
 PTM.US.MCPCROCH * REXCAN
 TMPCPCROCH * PTM.CA.MCPCROCH
 TMNOFRWS + TMMETALS + TMTEXMW\$ + TMCHMW\$
 + TMFUPTW\$ + TMPCPCROCH\$
 PTM.US.MAFW * REXCAN
 TMMAFWS * PTM.CA.MAFW
 PTM.US.INMAW * REXCAN
 TMINMAW * PTM.CA.INMAW
 PTM.US.BZMAW * REXCAN
 TMBZMAW * PTM.CA.BZMAW
 TMMAFWS + TMINMAWS + TMBZMAWS
 TMMACHWS / TMMACHW
 PTM.US.MTRVEHW * REXCAN
 TMTRVEHW * PTM.CA.MTRVEHW
 PTM.US.MTRVPRTW * REXCAN
 TMTRVPRTSW * PTM.CA.MTRVPRTW
 PTM.US.RETRW * REXCAN
 TMAIRCW * PTM.CA.RETRW

IMPORTS RESIDUAL TRANSPORT EQUIP - WORLD
 IMPORTS TRANSPORTATION EQUIP - WORLD
 IMPORT PRICE - TRANSPORT EQUIPMENT - WORLD
 IMPORT PRICE - COMMUNICATIONS EQUIP - WORLD
 IMPORTS COMMUNICATIONS EQUIP - WORLD
 IMPORT PRICE - MISC EQUIP & TOOLS - WORLD
 IMPORTS MISC EQUIPMENT & TOOLS - WORLD
 IMPORT PRICE - APPAREL & HOLD GOODS - WORLD
 IMPORTS APPAREL & HOLD GOODS - WORLD
 IMPORT PRICE - MISC PERSONAL & HOLD EQUIP - WORLD
 IMPORTS MISC PERSONAL & HOLD EQUIP - WORLD
 IMPORT PRICE - MISC MANUFACTURED GOODS
 IMPORTS MISC MANUFACTURED GOODS - WORLD
 IMPORTS HIGHLY MANUFACTURED GOODS - WORLD

IMPORT PRICE - HIGHLY MANUFACTURED GOODS - WORLD
 IMPORTS SPECIAL TRANSACTIONS - WORLD
 IMPORTS TOTAL GOODS - WORLD

IMPORT PRICE - MERCHANDISE GOODS - WORLD
 IMPORT PRICE - FREIGHT & SHIPPING - WORLD
 IMPORTS SERVICE PYMTS - FREIGHT & SHIPPING - WORLD
 IMPORT PRICE - TRAVEL PAYMENTS - WORLD
 IMPORTS SERVICE PYMTS - TRAVEL - WORLD
 IMPORTS SERVICE PYMTS - DIVIDENDS - WORLD
 IMPORT PRICE - INCOME PAYMENTS - WORLD
 IMPORTS SERVICE PYMTS - INTEREST & MISC INCOME - WORLD
 IMPORTS SERVICE PYMTS - INCOME PYMTS - WORLD
 IMPORT PRICE - OTHER SERVICE PAYMENTS - WORLD
 IMPORTS SERVICE PYMTS - OTHER SERVICES - WORLD
 IMPORTS SERVICE PYMTS - TOTAL (NA CONCEPT) - WORLD
 IMPORT PRICE - SERVICE PAYMENTS - WORLD
 IMPORTS GOODS & SERVICES - NA BASIS - WORLD
 IMPORT PRICE - GOODS & SERVICES (NA BASIS) - WORLD
 IMPORTS SERVICE PYMTS - PERS REMITT LESS PEN PYMTS - WORLD
 IMPORTS SERVICE PYMTS - PERSONAL REMITT - WORLD
 IMPORTS SERVICE PYMTS - INHERITANCES & MIGRANTS FNDS - WORLD
 IMPORTS GOODS & SERVICES - BAL OF PYMTS BASIS - WORLD

TMRETRWS
 TMTRANSWS
 PTM.CA.TRANSW
 PTM.CA.TALKW
 TMTALKWS
 PTM.CA.MEQTW
 TMMEOTWS
 PTM.CA.ABHTW
 TMAPHTWS
 PTM.CA.MPERW
 TMMPERWS
 PTM.CA.MCMERW
 TMCMERWS
 TMFERWS
 PTM.CA.MERW
 TMSPECWS
 TMGW\$
 PTM.CA.GW
 PTM.CA.FRSHW
 TMSFRSHWS
 PTM.CA.TRVLW
 TMSTRAVELWS
 TMSDIVPYWS
 PTM.CA.INPYW
 TMSIN+MIPYWS
 TMSINCPYWS
 PTM.CA.OSERVW
 TMSOTHSERWS
 TMSWS
 PTM.CA.SW
 TMG+SNAWS
 PTM.CA.G+SW
 TMSPRM-PPYWS
 TMSPERMWS
 TMSIMFDWS
 TMG+SBPW\$

= TMRETRW * PTM.CA.RETRW
 = TMTRVEHWS + TMTRVPARTSWS + TMAIRCWS + TMRETRWS
 = TMTRANSWS / TMTRANSW
 = PTM.US.TALKW * REXCAN
 = PTM.CA.TALKW
 = PTM.US.MEQTW * REXCAN
 = TMMEOTW * PTM.CA.MEQTW
 = PTM.US.ABHTW * REXCAN
 = TMAPHTW * PTM.CA.ABHTW
 = PTM.US.MPERW * REXCAN
 = TMMPERW * PTM.CA.MPERW
 = PTM.US.MCMERW * REXCAN
 = TMCMERW * PTM.CA.MCMERW
 = TMACHWS + TMTRANSWS + TMTALKWS + TMMEOTWS
 + TMAPHTWS + TMMPERWS + TMCMERWS
 = TMFERWS / TMFERW
 = TMSPECW * PTM.CA.GW
 = TMAGRWS + TMNONCWS + TMCRUDEWS + TMPROCWS
 + TMFERWS + TMSPECWS
 = TMGW\$ / TMGW
 = PTM.US.FRSHW * REXCAN
 = TMSFRSHW * PTM.CA.FRSHW
 = PTM.US.TRVLW * REXCAN
 = TMSTRAVELW * PTM.CA.TRVLW
 B
 = PTM.US.INPYW * REXCAN
 = TMSIN+MIPYW * PTM.CA.INPYW
 = TMSDIVPYWS + GRF.DT.NR\$ + TMSIN+MIPYWS
 = PTM.US.OSERVW * REXCAN
 = TMSOTHSERW * PTM.CA.OSERVW
 = TMSOTHSERWS + TMSINCPYWS + TMSOOTHSERWS
 = TMSWS / TMSW
 = TMG+SNAWS / TMG+SNAW
 B
 = TMSPRM-PPYWS + GEF.TNR.PEN\$
 B
 = TMG+SNAWS + TMSIMFDWS + TMSPERMWS
 + GEF.TNR.OCONT\$ + TMNABPDSCWS

Equation No.: 1565

Name: Imports, Service Payments -- Dividends -- World

Mnemonic: TMSDIVPYW\$

Period: 1958-75

$\ln(\text{TMSDIVPYW\$})$

= - .11606
(1.21)

+ .99230 $\ln(Y.DIVPNR\$)$
(69.65)

$\bar{R}^2 = .997$

SEE = .022

D.W. = .860

Equation No.: 1576

Name: Imports, Service Payments -- Personal Remittances (Excluding
Nonresidential Pension Payments)

Mnemonic: TMSPRM-PPYW\$

Period: 1956-75

TMSPRM-PPYW\$

= + 126.34600
(2.52)

+ 15.45490 TDUM67
(1.57)

+ 24.54680 TDUM73
(2.43)

+ sum(i=1,5)b(i) PDY\$(-i)

+ sum(i=0,2)c(i) REXCAN(-i)

i	b(i)	t(i)	c(i)	t(i)
0			-52.82980	(2.14)
1	+.00022800	(21.23)	-35.21990	(2.14)
2	+.00045600	(21.23)	-17.60990	(2.14)
3	+.00068401	(21.23)		
4	+.00091201	(21.23)		
5	+.0011400	(21.23)		
sum	+.0034200	(21.23)	-105.66000	(2.14)
	(1,5,NEAR)		(1,3,FAR)	

$\overline{R^2} = .967$

SEE = 9.178

D.W. = 2.162

Equation No.: 1577

Name: Imports, Service Payments -- Inheritances and Migrants' Funds

Mnemonic: TMSIMFDW\$

Period: 1959-75

TMSIMFDW\$

= - 75.97810
(1.52)

+ 196.79800 REXCAN
(3.24)

- 6.04350 ZUSNRUT(-1)
(3.20)

+ 20.83270 TDUM58(-2)
(2.64)

+ sum(i=0,2)b(i) (((ZUSYPD\$(-i) / ZUSNPT(-i))
* REXCAN(-i)) / (PDY\$(-i)
/ DPOP(-i)))

i	b(i)	t(i)
---	------	------

0	+11.10750	(2.24)
---	-----------	--------

1	+22.21500	(2.24)
---	-----------	--------

2	+33.32250	(2.24)
---	-----------	--------

sum	+66.64500	(2.24)
-----	-----------	--------

(1,3,NEAR)

$\bar{r}^2 = 0.856$

SEE = 6.960

D.W. = 2.147

RHO = -.117

EXPORTS PRICE BLOCK

VARIABLES DETERMINED OUTSIDE THE EXPORTS PRICE BLOCK

UNEMPLOYMENT RATE - MALE - AGED 25-54
 NET IMMIGRATION (CENSUS YEAR BASIS)
 FED GOVT REVENUE - DIRECT TAXES NONRES WITHHOLDING TAX
 DEFATOR CONS EXPND - TOTAL
 EXCHANGE RATE IN \$CAN PER UNIT OF \$US
 EXPORTS AGRICULTURAL COMMODITIES - WORLD
 EXPORTS ALCOHOLIC BEVERAGES & TOBACCO - WORLD
 EXPORTS CHEMICALS & CHEMICAL PRODUCTS - WORLD
 EXPORTS COAL - WORLD
 EXPORTS ELECTRICAL MACHINERY & EQUIP - WORLD
 EXPORTS ELECTRICAL POWER - WORLD
 EXPORTS FABRICATED METAL PROD - WORLD
 EXPORTS TOTAL OTHER FOODS - WORLD
 EXPORTS TOTAL FOODS - WORLD
 EXPORTS FORESTRY - WORLD
 EXPORTS PETROLEUM & COAL PRODUCTS - WORLD
 EXPORTS FURNITURE - WORLD
 EXPORTS TOTAL GOODS & SERVICES - NA BASIS - WORLD
 EXPORTS TOTAL GRAINS - WORLD
 EXPORTS TOTAL GOODS - WORLD
 EXPORTS TOTAL IRON & STEEL - WORLD
 EXPORTS TOTAL MACHINERY & EQUIP - WORLD
 EXPORTS AGRICULTURAL MACHINERY - WORLD
 EXPORTS NONDURABLE MANUFACTURED GOODS - WORLD
 EXPORTS MANUFACTURED GOODS - WORLD
 EXPORTS MINING - WORLD
 EXPORTS MISC MANUFACTURED PROD - WORLD
 EXPORTS MOTOR VEHICLES - WORLD
 EXPORTS MOTOR VEHICLE PARTS - WORLD
 EXPORTS OTHER NONELECTRICAL MACHINERY - WORLD
 EXPORTS NATURAL GAS - WORLD
 EXPORTS STONE, CLAY & GLASS PROD - WORLD
 EXPORTS TOTAL NONMETALLIC MINERALS - WORLD
 EXPORTS TOTAL NONFERROUS METALS - WORLD
 EXPORTS NEWSPRINT - WORLD
 EXPORTS OTHER PAPER & PRINTING PROD - WORLD
 EXPORTS OTHER PAPER - WORLD
 EXPORTS TOTAL OTHER BASE METALS - WORLD
 EXPORTS PAPER & ALLIED PRODUCTS - WORLD
 EXPORTS CRUDE PETROLEUM - WORLD
 EXPORTS PULP - WORLD
 EXPORTS TOTAL RUBBER, LEATHER & CLOTHING - WORLD
 EXPORTS OTHER TRANSPORTATION EQUIP - WORLD
 EXPORTS RE-EXPORTS - WORLD
 EXPORTS SERVICE RECEIPTS - FREIGHT & SHIPPING - WORLD
 EXPORTS SERVICE RECEIPTS - INCOME RECEIPTS - WORLD
 EXPORTS SERVICE RECEIPTS - OTHER SERVICES - WORLD
 EXPORTS SPECIAL TRANSACTIONS - WORLD
 EXPORTS SERVICE RECEIPTS - TRAVEL - WORLD
 EXPORTS TOTAL SERVICE RECEIPTS - WORLD
 EXPORTS TEXTILES - WORLD
 EXPORTS TRANSPORT EQUIPMENT - WORLD

DMURATE25.54
 DNETIMM
 GRF.DT.NR\$
 PFC
 REXCAN
 TEAGRW
 TEALCO+TOBW
 TECHEMW
 TECOALW
 TEELCEMW
 TEELPOW
 TEFABRMTLW
 TEFODDPRW
 TEFODDW
 TEFORESTRYW
 TEFUPTW
 TEFURNW
 TEG+SNAW
 TEGRAINSW
 TEGW
 TEIRASW
 TEM+EW
 TEMAFW
 TEMFRNDW
 TEMFRW
 TEMINW
 TEMSMFRPRW
 TEMTRVEHW
 TEMTRVPARTSW
 TENELECMEW
 TENGASW
 TENMETMINPRW
 TENMETMINW
 TENOFRTMW
 TENPRTW
 TEOPAPRW
 TEOTHPARMW
 TEOTHMETALSW
 TEAPAPERW
 TEPETOW
 TEPULPW
 TERBLTHCLTHW
 TERETRW
 TERXPTW
 TESFRSHW
 TESINCRWCW
 TESOTHSERW
 TESPECW
 TESPELW
 TESW
 TETEXTILES
 TETPTW

EXPORTS URANIUM - WORLD
EXPORTS WOOD & LUMBER - WORLD
OECD CONSUMPTION EXPENDITURE - WTD

TEURANW
TEWOLUMBW
ZOECDCONSWT

VARIABLES EXOGENOUS TO THE EXPORTS PRICE BLOCK

EXPORT PRICE - ALCOHOLIC BEVERAGES & TOBACCO - WORLD	PTE.US.ALC+TBW	E
EXPORT PRICE - CHEMICALS & PROD - WORLD	PTE.US.CHEMPRW	E
EXPORT PRICE - COAL - WORLD	PTE.US.COALW	E
EXPORT PRICE - ELECTRICAL MACHINERY & EQUIP - WORLD	PTE.US.ELCMEW	E
EXPORT PRICE - ELECTRIC POWER - WORLD	PTE.US.ELPOM	E
EXPORT PRICE - FABRICATED METAL PROD - WORLD	PTE.US.FBMTLW	E
EXPORT PRICE - FOOD PROD - WORLD	PTE.US.FDPRW	E
EXPORT PRICE - FREIGHT & SHIPPING - WORLD	PTE.US.FRSHW	E
EXPORT PRICE - FORESTRY - WORLD	PTE.US.FRSTRYW	E
EXPORT PRICE - PETROLEUM & COAL PROD - WORLD	PTE.US.FUPTW	E
EXPORT PRICE - FURNITURE - WORLD	PTE.US.FURNW	E
EXPORT PRICE - GRAINS - WORLD	PTE.US.GRNSW	E
EXPORT PRICE - INCOME RECEIPTS - WORLD	PTE.US.INRCW	E
EXPORT PRICE - IRON & STEEL PROD - WORLD	PTE.US.IRASW	E
EXPORT PRICE - AGRICULTURAL MACHINERY - WORLD	PTE.US.MAPRW	E
EXPORT PRICE - MISC MANUFACTURED PROD - WORLD	PTE.US.MSMFRW	E
EXPORT PRICE - MOTOR VEHICLE PROD - WORLD	PTE.US.MTVEHW	E
EXPORT PRICE - MOTOR VEHICLE PARTS - WORLD	PTE.US.MTVPTW	E
EXPORT PRICE - NONELECTRIC MACH & EQUIP - WORLD	PTE.US.NELMEW	E
EXPORT PRICE - NATURAL GAS - WORLD	PTE.US.ENGASW	E
EXPORT PRICE - NONMETALLIC MINERALS - WORLD	PTE.US.NMETNHW	E
EXPORT PRICE - NONMETALLIC MINERAL PROD - WORLD	PTE.US.NMTNPNW	E
EXPORT PRICE - NONFERROUS METALS - WORLD	PTE.US.NOFRTW	E
EXPORT PRICE - NEWSPRINT - WORLD	PTE.US.NPRTW	E
EXPORT PRICE - OTHER PAPER & PROD - WORLD	PTE.US.OPAPW	E
EXPORT PRICE - OTHER SERVICE RECEIPTS - WORLD	PTE.US.OSERVW	E
EXPORT PRICE - OTHER AGRICULTURAL - WORLD	PTE.US.OTHFPMW	E
EXPORT PRICE - OTHER METALS - WORLD	PTE.US.OTHMTLW	E
EXPORT PRICE - CRUDE PETROLEUM - WORLD	PTE.US.PETOW	E
EXPORT PRICE - PULP - WORLD	PTE.US.PULPW	E
EXPORT PRICE - RUBBER, LEATHER & CLOTHING GOODS - WORLD	PTE.US.RBLTHCLW	E
EXPORT PRICE - RESIDUAL TRANSPORT EQUIP - WORLD	PTE.US.RETRW	E
EXPORT PRICE - TEXTILES - WORLD	PTE.US.TEXMTW	E
EXPORT PRICE - TRAVEL RECEIPTS - WORLD	PTE.US.TRLVW	E
EXPORT PRICE - URANIUM - WORLD	PTE.US.URANW	E
EXPORT PRICE - WOOD & LUMBER - WORLD	PTE.US.WOLUW	E
DUMMY VARIABLE - TRADE BLOCK	TDUM710N	E
EXPORTS ADJUSTMENT (NA, BOP DISCREPANCIES) - WORLD	TENABPADJWS	E
EXPORTS RESIDUAL MERCHANDISE ADJUSTMENT - WORLD	TEREMAW\$	E

VARIABLES ENDOGENOUS TO THE EXPORTS PRICE BLOCK (BOTH BEHAVIOURAL & IDENTITIES)

EXPORT PRICE - GRAINS - WORLD
 EXPORTS TOTAL GRAINS - WORLD
 EXPORT PRICE - OTHER AGRICULTURAL - WORLD
 EXPORTS TOTAL OTHER AGRICULTURAL - WORLD
 EXPORTS TOTAL OTHER FARM - WORLD
 EXPORTS AGRICULTURAL COMMODITIES - WORLD
 EXPORT PRICE - AGRICULTURE COMMODITIES - WORLD
 EXPORT PRICE - FORESTRY - WORLD
 EXPORTS FORESTRY - WORLD
 EXPORT PRICE - URANIUM - WORLD
 EXPORTS URANIUM - WORLD
 EXPORT PRICE - OTHER METALS - WORLD
 EXPORTS TOTAL OTHER BASE METALS - WORLD
 EXPORT PRICE - COAL - WORLD
 EXPORTS COAL - WORLD
 EXPORT PRICE - CRUDE PETROLEUM - WORLD
 EXPORTS CRUDE PETROLEUM - WORLD
 EXPORT PRICE - NATURAL GAS - WORLD
 EXPORTS NATURAL GAS - WORLD
 EXPORT PRICE - NONMETALLIC MINERALS - WORLD
 EXPORTS TOTAL NONMETALLIC MINERALS - WORLD
 EXPORTS MINING - WORLD
 EXPORT PRICE - MINING - WORLD
 EXPORTS WOOD & LUMBER - WORLD
 EXPORTS WOOD & LUMBER - WORLD
 EXPORT PRICE - IRON & STEEL PROD - WORLD
 EXPORTS TOTAL IRON & STEEL - WORLD
 EXPORT PRICE - NONFERROUS METALS - WORLD
 EXPORTS TOTAL NONFERROUS METALS - WORLD
 EXPORT PRICE - FABRICATED METAL PROD - WORLD
 EXPORTS FABRICATED METAL PROD - WORLD
 EXPORT PRICE - AGRICULTURAL MACHINERY - WORLD
 EXPORTS AGRICULTURAL MACHINERY - WORLD
 EXPORT PRICE - NONELECTRIC MACH & EQUIP - WORLD
 EXPORTS OTHER NONELECTRIC MACHINERY - WORLD
 EXPORT PRICE - ELECTRICAL MACH & EQUIP - WORLD
 EXPORTS ELECTRICAL MACH & EQUIP - WORLD
 EXPORTS TOTAL MACH & EQUIP - WORLD
 EXPORT PRICE - MACH & EQUIP - WORLD
 EXPORT PRICE - MOTOR VEHICLES - WORLD
 EXPORTS MOTOR VEHICLES - WORLD
 EXPORT PRICE - MOTOR VEHICLE PARTS - WORLD
 EXPORTS MOTOR VEHICLE PARTS - WORLD
 EXPORT PRICE - RESIDUAL TRANSPORT EQUIP - WORLD
 EXPORTS OTHER TRANSPORTATION EQUIP - WORLD
 EXPORTS TRANSPORT EQUIP - WORLD
 EXPORT PRICE - TRANSPORT EQUIPMENT - WORLD
 EXPORT PRICE - NONMETALLIC MINERAL PROD - WORLD
 EXPORTS STONE, CLAY & GLASS PRODUCTS - WORLD
 EXPORTS DURABLE MANUFACTURED GOODS - WORLD
 EXPORT PRICE - ALCOHOL & TOBACCO - WORLD
 EXPORTS ALCOHOLIC BEVERAGES & TOBACCO - WORLD

PTE.CA.GRNSW
 TEGRAINSW
 PTE.CA.OTHPMW
 TEOTHFARMWS
 TEAGRWS
 PTE.CA.AGRW
 PTE.CA.FRSTRYW
 TEFORSTRYSW
 PTE.CA.URANW
 TEURANWS
 PTE.CA.OTHTMLW
 TEOTHTMETALSWS
 PTE.CA.COALW
 TEGCOALWS
 PTE.CA.PETOW
 TEPETOWS
 PTE.CA.NGASW
 TENGASWS
 PTE.CA.NMETMNW
 TENMETMINWS
 TEMINWS
 PTE.CA.MINEW
 PTE.CA.WOLUW
 TEMOLUMBWS
 PTE.CA.IRASW
 TEIRASWS
 PTE.CA.NOFRMTW
 TENOFRTMWS
 PTE.CA.FBMTLW
 TEFABRMTLWS
 PTE.CA.MAPAW
 TEMAPAWS
 PTE.CA.NELMEW
 TENELCEMWS
 PTE.CA.ELCMEW
 TEELECEMWS
 TEM+EW
 PTE.CA.M+EW
 PTE.CA.MTVEHW
 TEMTRVEHWS
 PTE.CA.MTVPTW
 TEMTRVPARTWS
 PTE.CA.RETRW
 TERETRWS
 TETPTWS
 PTE.CA.TPTW
 TENMETMINPRWS
 TEMFRTMWS
 PTE.CA.ALC+TBW
 TEALCO+TOBWS

= PTE.US.GRNSW * REXCAN
 = TEGRAINSW * PTE.CA.GRNSW
 = PTE.US.OTHPMW * REXCAN
 = TEOTHFARMWS * PTE.CA.OTHPMW
 = TEGRAINSW + TEOTHFARMWS
 = TEAGRWS / TEAGR
 = PTE.US.FRSTRYW * REXCAN
 = TEFORSTRYSW * PTE.CA.FRSTRYW
 = PTE.US.URANW * REXCAN
 = TEURANW * PTE.CA.URANW
 = PTE.US.OTHTMLW * REXCAN
 = TEOTHTMETALSWS * PTE.CA.OTHTMLW
 = PTE.US.COALW * REXCAN
 = TEGCOALW * PTE.CA.COALW
 = PTE.US.PETOW * REXCAN
 = TEPETOW * PTE.CA.PETOW
 = PTE.US.NGASW * REXCAN
 = TENGASW * PTE.CA.NGASW
 = PTE.US.NMETMNW * REXCAN
 = TENMETMINW * PTE.CA.NMETMNW
 = TEGRAINSW + TEOTHTMETALSWS + TEGCOALWS + TEPETOWS
 + TENGASWS + TENMETMINWS
 = TEMINWS / TEMINEW
 = PTE.US.WOLUW * REXCAN
 = TEMOLUMBW * PTE.CA.WOLUW
 = PTE.US.IRASW * REXCAN
 = TEIRASW * PTE.CA.IRASW
 = PTE.US.NOFRMTW * REXCAN
 = TENOFRTMW * PTE.CA.NOFRMTW
 = PTE.US.FBMTLW * REXCAN
 = TEFABRMTLW * PTE.CA.FBMTLW
 = PTE.US.MAPAW * REXCAN
 = TEMAPAW * PTE.CA.MAPAW
 = PTE.US.NELMEW * REXCAN
 = TENELCEMEW * PTE.CA.NELMEW
 = PTE.US.ELCMEW * REXCAN
 = TEELECEMEW * PTE.CA.ELCMEW
 = TEMAPAWS + TENELCEMEWS + TEELECEMWS
 = TEM+EW / TEM+EW
 = PTE.US.MTVEHW * REXCAN
 = TEMTRVEHW * PTE.CA.MTVEHW
 = PTE.US.MTVPTW * REXCAN
 = TEMTRVPARTSW * PTE.CA.MTVPTW
 = PTE.US.RETRW * REXCAN
 = TERETRW * PTE.CA.RETRW
 = TEMTRVEHWS + TEMTRVPARTSW + TERETRWS
 = TETPTWS / TETPTW
 = PTE.US.NMTMNPW * REXCAN
 = TENMETMINPRW * PTE.CA.NMTMNPW
 = TEMOLUMBWS + TEIRASWS + TENOFRTMWS + TEFABRMTLWS
 + TEM+EW + TETPTWS + TENMETMINPRWS
 = PTE.US.ALC+TBW * REXCAN
 = TEALCO+TOBW * PTE.CA.ALC+TBW

EXPORT PRICE - FOOD PROD - WORLD
 EXPORTS TOTAL OTHER FOODS - WORLD
 EXPORTS TOTAL FOODS - WORLD
 EXPORT PRICE - FOOD & BEVERAGES - WORLD
 EXPORT PRICE - RUBBER, LEATHER & CLOTHING - WORLD
 EXPORTS TOTAL RUBBER, LEATHER & CLOTHING - WORLD
 EXPORT PRICE - TEXTILE MATERIALS - WORLD
 EXPORTS TEXTILES - WORLD
 EXPORT PRICE - NEWSPRINT - WORLD
 EXPORTS NEWSPRINT - WORLD
 EXPORT PRICE - PULP - WORLD
 EXPORTS PULP - WORLD
 EXPORT PRICE - FURNITURE - WORLD
 EXPORTS FURNITURE - WORLD
 EXPORT PRICE - OTHER PAPER & PRINTING PROD - WORLD
 EXPORTS OTHER PAPER & PRINTING PROD - WORLD
 EXPORTS PAPER & ALLIED PRODUCTS - WORLD
 EXPORT PRICE - PAPER & ALLIED PROD - WORLD
 EXPORT PRICE - PETROLEUM & COAL PROD - WORLD
 EXPORTS PETROLEUM & COAL PRODUCTS - WORLD
 EXPORT PRICE - ELECTRIC POWER - WORLD
 EXPORTS ELECTRICAL POWER - WORLD
 EXPORT PRICE - CHEMICALS & PROD - WORLD
 EXPORTS CHEMICALS & CHEMICAL PRODUCTS - WORLD
 EXPORT PRICE - MISC MANUFACTURED PROD - WORLD
 EXPORTS MISC MANUFACTURED PROD - WORLD
 EXPORTS NONDURABLE MANUFACTURED GOODS - WORLD

PTE.CA.FDPRW
 TEFOODPRWS
 TEFOODWS
 PTE.CA.FOODW
 PTE.CA.RBLTHCLW
 TERBLTHCLTHWS
 PTE.CA.TEXTMTW
 TETEXTILESWS
 PTE.CA.NPRTW
 TENPRTWS
 PTE.CA.PULPW
 TEPULPWS
 PTE.CA.FURNW
 TEFURNWS
 PTE.CA.OPAPW
 TEOPAPRWS
 TEPAPERWS
 PTE.CA.PAPERW
 PTE.CA.FUPTW
 TEFUPTWS
 PTE.CA.ELPOW
 TEELPOWS
 PTE.CA.CHEMPRW
 TTECHEMWS
 PTE.CA.MSMFRW
 TMSMFRPRWS
 TEMFRNDWS
 PTE.CA.MFRNDW
 TEMFRWS
 PTE.CA.MFRW
 TERXPTWS
 TESPECWS
 TEGWS
 PTE.CA.GW
 PTE.CA.FRSHW
 TESFRSHWS
 PTE.CA.TVLW
 TESTRAVELWS
 PTE.CA.INRCW
 TESINCRWS
 PTE.CA.OSERVW
 TESOTHSERWS
 TESWS
 PTE.CA.SW
 TEG+SNWS
 PTE.CA.G+SW
 TESPERRMWS
 TESIMFDWS
 TEG+SBPWS

= PTE.US.FDPRW * REXCAN
 = TEFOODPRW * PTE.CA.FDPRW
 = TEALCO+TOBWS + TEFOODPRWS
 = TEFOODWS / TEFOODW
 = PTE.US.RBLTHCLW * REXCAN
 = TERBLTHCLTHW * PTE.CA.RBLTHCLW
 = PTE.US.TEXTMTW * REXCAN
 = TETEXTILESWS * PTE.CA.TEXTMTW
 = PTE.US.NPRTW * REXCAN
 = TENPRTW * PTE.CA.NPRTW
 = PTE.US.PULPW * REXCAN
 = TEPULPW * PTE.CA.PULPW
 = PTE.US.FURNW * REXCAN
 = TEFURNW * PTE.CA.FURNW
 = PTE.US.OPAPW * REXCAN
 = TEOPAPRW * PTE.CA.OPAPW
 = TEPAPERWS + TEPULPWS + TEFURNWS + TEOPAPRWS
 = TEPAPERWS / TEPAPERW
 = PTE.US.FUPTW * REXCAN
 = TEFUPTW * PTE.CA.FUPTW
 = PTE.US.ELPOW * REXCAN
 = TEELPOW * PTE.CA.ELPOW
 = PTE.US.CHEMPRW * REXCAN
 = TTECHEMW * PTE.CA.CHEMPRW
 = PTE.US.MSMFRW * REXCAN
 = TMSMFRPRW * PTE.CA.MSMFRW
 = TEFOODWS + TERBLTHCLTHWS + TETEXTILESWS
 = TEPAPERWS + TEFUPTWS + TEELPOWS + TTECHEMWS
 = TMSMFRPRWS
 = TEMFRNDWS / TEMFRNDW
 = TEMFRDWS + TEMFRNDWS
 = TERXPTW * PTE.CA.GW
 = TESPECW * PTE.CA.GW
 = TEGRWS + TEFORSTRYSW + TEMINWS + TEMFRWS
 = + TERXPTWS + TESPECWS
 = TEGWS / TEGW
 = PTE.US.FRSHW * REXCAN
 = TESFRSHW * PTE.CA.FRSHW
 = PTE.US.TVLW * REXCAN
 = TESTRAVELW * PTE.CA.TVLW
 = PTE.US.INRCW * REXCAN
 = TESINCRW * PTE.CA.INRCW
 = PTE.US.OSERVW * REXCAN
 = TESOTHSERW * PTE.CA.OSERVW
 = TESFRSHWS + TESTRAVELWS + TESINCRWS + TESOTHSERWS
 = TESWS / TESW
 = TEGWS + TESMS + TEREMAWS
 = TEG+SNWS / TEG+SNAW
 B
 B
 B
 = TEG+SNWS + GRF.DT.NRS + TESPERRMWS + TESIMFDWS
 + TENABPADJWS

Equation No.: 1411

Name: Exports, Service Receipts -- Personal Remittances -- World

Mnemonic: TESPERRMW\$

Period: 1958-75

TESPERRMW\$

= - 51.81010
(4.48)

+ sum(i=0,2)b(i) ZOECDCONSWT(-i)

+ sum(i=0,2)c(i) (ZOECDCONSWT(-i) * TDUM71ON(-i))

i	b(i)	t(i)	c(i)	t(i)
0	-1.45743	(1.84)	+.326846	(5.67)
1	+ .63994	(10.85)	+.262635	(11.50)
2	+2.73731	(3.23)	+.198425	(3.29)
sum	+1.91983	(10.85)	+.78791	(11.50)
	(1,3,NONE)		(1,3,NONE)	

$\bar{R}^2 = 0.990$

SEE = 6.599

D.W. = 2.193

Equation No.: 617

Name: Exports, Service Receipts -- Inheritances and Migrants' Funds

Mnemonic: TESIMFDW\$

Period: 1959-74

TESIMFDW\$ / PFC

= - 67.45490
(1.28)

+ .681495 DNETIMM
(3.59)

- 12.26000 DMURATE25.54
(1.50)

+ sum(i=1,5)b(i) (TESIMFDW\$(-i) / PFC(-i))

i	b(i)	t(i)
---	------	------

1	+.52940	(2.22)
---	---------	--------

2	+.147859	(2.00)
---	----------	--------

3	-.021718	(0.13)
---	----------	--------

4	+.020669	(0.18)
---	----------	--------

5	+.27502	(1.72)
---	---------	--------

sum	+.95123	(16.35)
-----	---------	---------

(2,5,NONE)

$\bar{R}^2 = .979$

SEE = 19.726

D.W. = 2.054

ANOTHER PLASTIC PRODUCT BY LOWE-MARTIN COMPANY INC

792181

FINAL DEMAND DEFLATORS
GNE AND FINAL DOMESTIC DEMAND

We have again come full circle. The route to final demand prices begins with final demand price conversion. The primary influences include domestic prices, foreign prices, the exchange rate, various input-output matrices, various indirect tax rates, and the import content of total supply. There are certain anomalies which are present once the pseudo final demand prices are determined. In the consumption and government purchases of goods and services blocks, prices associated with health care and government purchases of goods and services are influenced not by a single pseudo final demand deflator but by a weighted average of several pseudo final demand deflators. These anomalies occur because of the way we have organized Statistics Canada input-output tables (the inclusion of an augmented sector for noncommercial services). In doing this, we introduced a preconversion step associated with government purchases of goods and services. In order to conform definitionally with preconversion concepts in the real GNE vector we use the weights in the preconversion step to derive concepts that are definitionally more suited as inputs into the final demand price stochastic equations for health care and selected government purchases of goods and services.

We also have indicated that within the government block there are certain deflators which are different at the federal, provincial, municipal and local, and hospital levels

while there is another set of deflators which are common for all levels of government.

For government capital formation, we indicated that the deflators associated with capital formation are handled only at the aggregate level but used at lower levels of government with no distinction made between federal, provincial, municipal and local, or hospital. We indicated that in construction the commodity composition of investment does not vary across purchasing industries. (We have only one activity associated with construction in the Use, Make, and Bridge matrix.) Therefore, only one price is returned through the final demand price conversion process. This single price is used as input to explain final demand prices associated with investment in construction. This is not the case for investment goods in machinery and equipment where the commodity composition varies by purchasing industries.

We indicated that for residential construction only one price is returned in the price conversion process. Furthermore, because of data limitations, only the aggregate National Accounts price is explained in CANDIDE Model 2.0. For inventories, price conversion returns two prices - one associated with raw materials and one associated with finished goods. These are used to explain the National Accounts concepts. In our discussion of inventory prices we indicated that the inventory valuation adjustment is

accounted for by applying, to the initial period (1971 dollar) stock, price changes implied from movements in the raw material and finished goods inventory stock deflators. We also indicated that IVA is influenced in different ways depending upon the kind of variation that is present during the price conversion process. We used the example of a manufacturers' sales tax cut versus a provincial sales tax cut to indicate the reasons for differential impacts.

Finally, in the discussion of import and export prices, we indicated the importance of import prices in domestic final demand price formation due to the import content weight of the total commodity supply price. We indicated that simulations with CANDIDE Model 2.0 must be interpreted with care because final demand prices are tied with a high weight to import prices via price conversion. The high import content has important implications for the consumer price index, the implicit deflator for consumption, the implicit deflator for investment and the real wage. We indicated that the multiplier properties of CANDIDE Model 2.0 can in part be explained by this high import content weight.

Once the final demand prices associated with the quantities on the demand side of the model have been

generated, the National Accounts identities in nominal terms can be formed. The National Accounts identities in nominal terms and the disaggregated components play important roles elsewhere in the system. As we move to the balance of payments, financial, government revenue and expenditure blocks of the model, we shall see the important influence that the nominal values have.

GNE & FINAL DOMESTIC DEMAND PRICE BLOCK

VARIABLES DETERMINED OUTSIDE THE GNE & FINAL DOMESTIC DEMAND PRICE BLOCK

INVENTORY CHANGE - TOTAL ECONOMY	.INVS
CONSUMER EXPENDITURE - TOTAL	CS
GOVT EXPND - CURNT GDS & SRVS - TOTAL	GE.CG\$
GROSS FIXED CAPITAL FORMATION - TOTAL	GFC\$
GROSS NATIONAL EXPENDITURE AT MARKET PRICES	GNE
EXPORTS TOTAL GOODS & SERVICES - NA BASIS - WORLD	TEG+SNAWS
IMPORTS GOODS & SERVICES - NA BASIS - WORLD	TMG+SNAWS

VARIABLES EXOGENOUS TO THE GNE & FINAL DOMESTIC DEMAND PRICE BLOCK

RESIDUAL ERROR OF ESTIMATE

REES

E

VARIABLES ENDOGENOUS TO THE GNE AND FINAL DOMESTIC DEMAND PRICE BLOCK (IDENTITIES)

GROSS NATIONAL EXPENDITURE AT MARKET PRICES

GNE DEFLATOR

FINAL DOMESTIC DEMAND

GNE\$

PGNE

FDD\$

$$\begin{aligned}
 &= C\$ + GE.CGS\$ + GFC\$ + .INV\$ + TEG+SNAW\$ - TMG+SNAW\$ \\
 &\quad - REE\$ \\
 &= (GNE\$ / GNE) * 100 \\
 &= GNE\$ + TMG+SNAW\$ + REE\$ - TEG+SNAW\$ - .INV\$
 \end{aligned}$$

ANOTHER PLASTIC PRODUCT BY LOWE-MARTIN COMPANY INC

79.2181

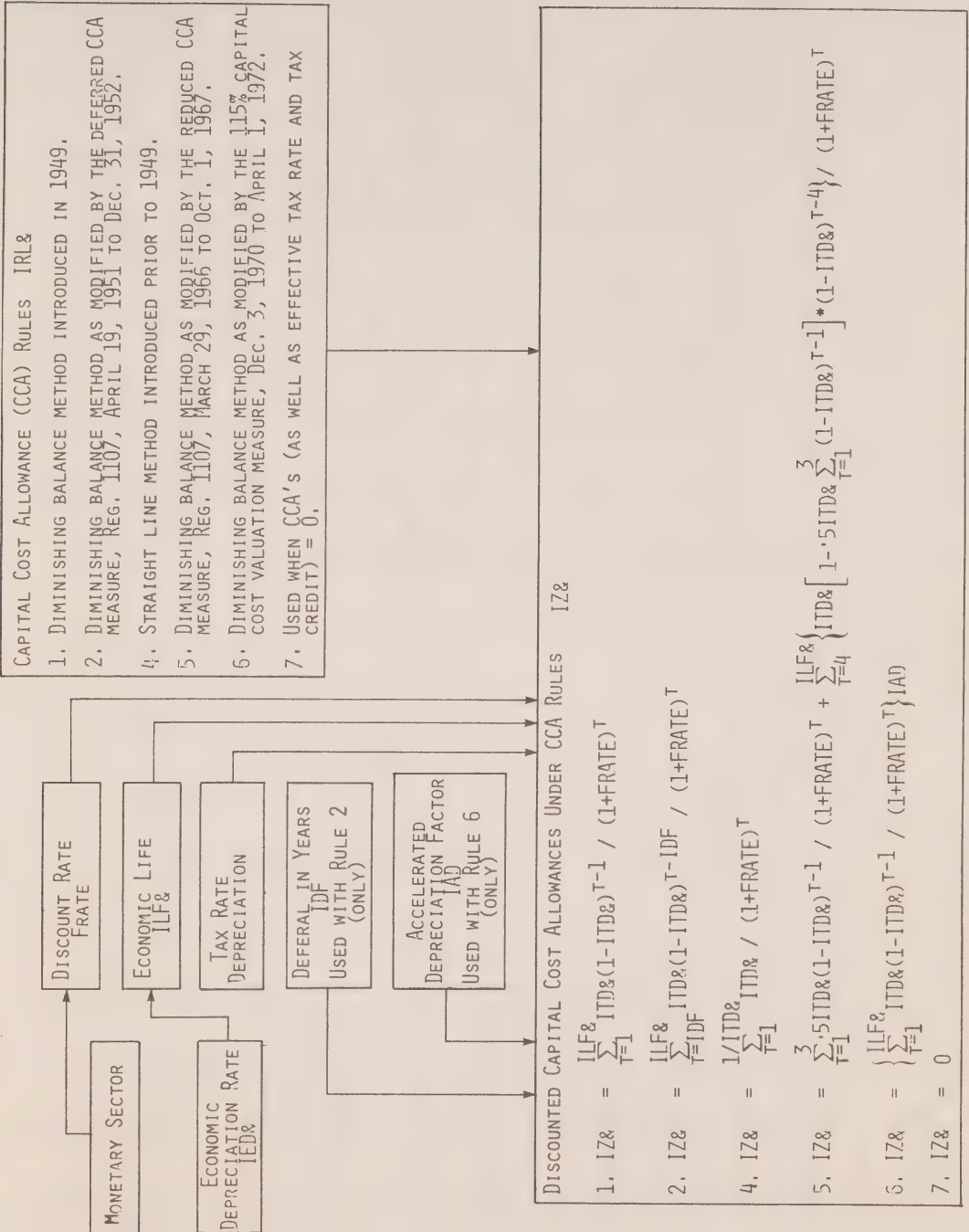
USER COST OF CAPITAL AT THE INDUSTRY LEVEL
FOR BOTH MACHINERY AND EQUIPMENT AND
CONSTRUCTION

An important item that influences the investment decision is the user cost of capital. In CANDIDE Model 2.0, there are a set of industry specific user cost of capital variables. The acquisition cost of capital goods is not indicative of the user cost (rental price) of capital because the services of capital are spread over a finite life. In the investment equations, the profitability of new capital and its influence on the investment decision is captured by comparing the price of goods which capital produces with the acquisition cost associated with new capital goods adjusted for (1) the economic life of new capital goods, (2) the market rate of discount, (3) the corporate tax rate, (4) the investment tax credit rate, (5) the rate of economic depreciation, (6) the rate of depreciation for tax purposes and, (7) the statutory laws associated with the speed with which new investment can be written off. There are five different (most likely) write off rules associated with the period 1949-1974. They are either the straight line method or variations of the diminishing balance method. There are a set of industry specific indicators associated with each one of the above concepts. Many of these indicators, including the investment tax credit rate (effective), the corporate tax rate (effective), the rate

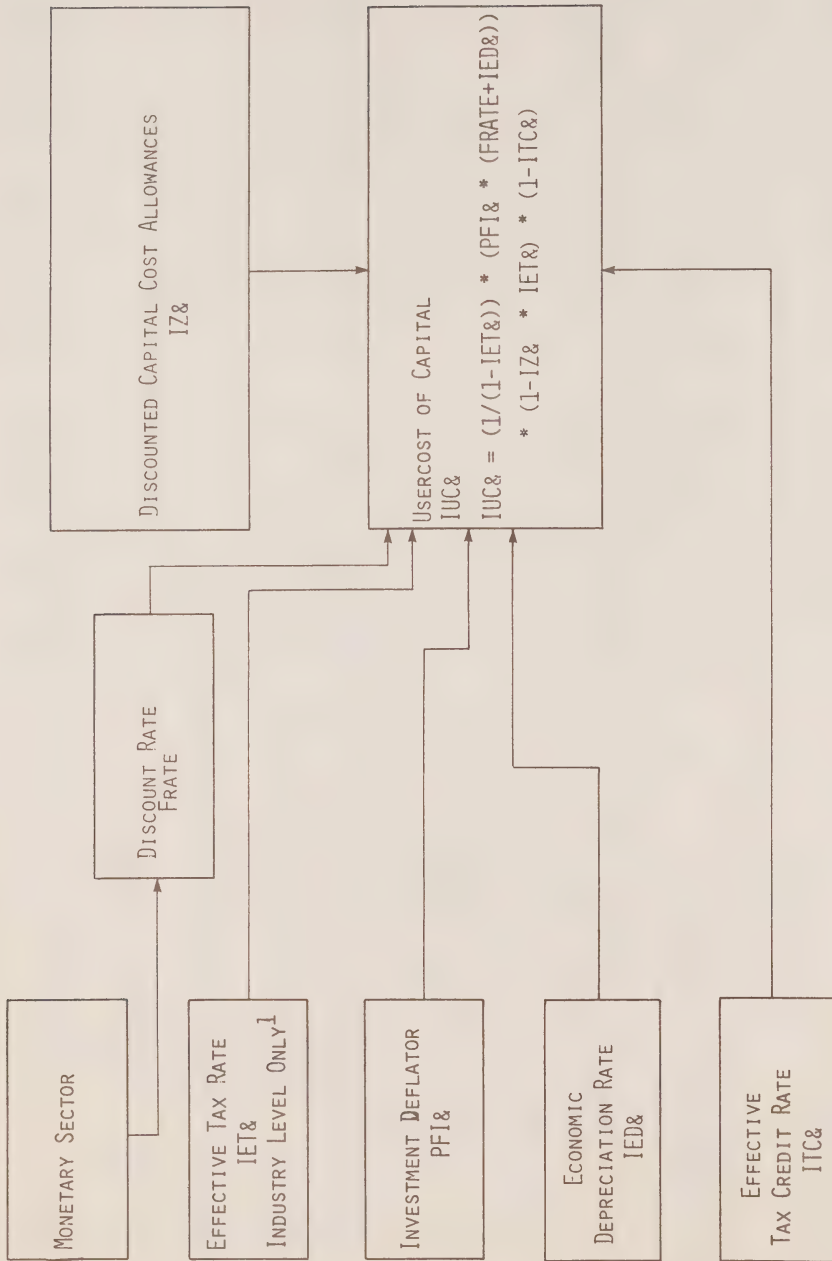
of depreciation for tax purposes and the statutory write off rules, are industry specific (in the case of the write off rules, we have industry specific formulae). As a proxy for industry specific acquisition cost of new capital goods we use the final demand deflators associated with investment goods obtained from price conversion. For the discount rate we use the long term industrial bond rate determined in the financial block.

Although corporate profits and interest rates do not appear as explicit explanatory variables in the investment equations, they do have an impact on the investment decision in CANDIDE Model 2.0 through the various policy handles and other endogenous variables which influence the user cost of capital.

DISCOUNTED CAPITAL COST ALLOWANCES



USERCOST OF CAPITAL



& = AGFTC for agric. fish and trap. indst. - bldg. & eng.
construction

& = FSTYC31.9 for forestry indst. - bldg. & eng. construction

& = MICLC61 for coal min. indst. - bldg. & eng. construction

& = MIPC64+96.9 for crd. pet natl. gas & serv. inc. to min.
indst. - bldg. & eng. construction

& = MIMMC51.9 for metal mining indst. - bldg. & eng.
construction

& = MINMC71.8 for nonmetal min. indst. (ex coal) - bldg. &
eng. construction

& = MFDC251.9 for wood indst. - bldg. & eng. construction

& = MFDC261.8 for fur. & fixt. indst. - bldg. & eng.
construction

& = MFDC291.4 for iron & steel indst. - bldg. & eng.
construction

& = MFDC295.8 for nonferrous metals indst. - bldg. & eng.
construction

& = MFDC301.9 for metal fab. indst. - bldg. & eng.
construction

& = MFDC311.8 for mach. (excl. elec. mach.) indst. - bldg. &
eng. construction

& = MFDC321+326.9 for nonauto transport equip. indst. - bldg. &
eng. construction

& = MFDC323.4 for motor vehicle indst. (ex parts & acc.) -
bldg. & eng. construction

& = MFDC325 for motor vehicle parts & acc. indst. - bldg. &
eng. construction

& = MFDC331.9 for electrical prod. indst. - bldg. & eng.
construction

& = MFDC351.9 for nonmetal min. prod. indst - bldg. & eng.
construction

& = MFNDC101.9 for food & bev. indst. - bldg. & eng.
construction

& = MFNDC151.3 for tobacco prod. indst. - bldg. & eng.
construction

& = MFNDC162.5 for rubber & plastic prod. indst. - bldg. & eng. construction

& = MFNDC172.9 for leather indst. - bldg. & eng. construction

& = MFNDC181.9 for textile indst. - bldg. & eng. construction

& = MFNDC231.9 for knitting & clothing indst. - bldg. & eng. construction

& = MFNDC271.4 for paper & allied indst. - bldg. & eng. construction

& = MFNDC286.9 for print, pub. & allied indst. - bldg. & eng. construction

& = MFNDC365.9 for pet. & coal prod. indst. - bldg. & eng. construction

& = MFNDC372.9 for chem. & chem. prod. indst. - bldg. & eng. construction

& = MFNDC391.9 for misc. manuf. indst. - bldg. & eng. construction

& = CNSTC for construction indst. - bldg. & eng. construction

& = TRSPC501.27 for transport indst. - bldg. & eng. construction

& = COMMC543.8 for communication indst. - bldg. & eng. construction

& = FIREC701.37 for fin. ins. & real estate indst. - bldg. & eng. construction

& = UTILC572.9 for utility indst. - bldg. & eng. construction

& = TRADC602.99 for whlse & retail trade indst. - bldg. & eng. construction

& = SVCMC for commer svcs. indst. - bldg. & eng. construction

& = SVNCC for other noncommer svcs. indst. - bldg. & eng. construction

& = SVHGEDC806 for college & univ. educ. - bldg. & eng. construction

& = AGFTM for agric. fish and trap indst. - mach. & equip.

& = FSTYM31.9 for forestry indst. - mach. & equip.

& = MICLM61 for coal min. indst. - mach. & equip.

& = MIPM64+96.9 for crd. pet. natl. gas and serv. inc. to min. indst. - mach. & equip.

& = MIMM51.9 for metal mining indst. - mach. & equip.

& = MINMM71.87 for nonmetal min. indst. (ex coal) - mach. & equip.

& = MFDM251.9 for wood indst. - mach. & equip.

& = MFDM261.8 for furn. and fixt. indst. - mach. & equip.

& = MFDM291.4 for iron and steel indst. - mach. & equip.

& = MFDM295.8 for nonferrous metals indst. - mach. & equip.

& = MFDM301.9 for metal fab. indst. - mach. & equip.

& = MFDM311.8 for mach. (ex elec. mach.) indst. - mach. & equip.

& = MFDM321+326.9 for nonauto transport equip. indst. - mach. & equip.

& = MFDM323.4 for motor vehicle indst. (ex parts & acc.) - mach. & equip.

& = MFDM325 for motor vehicle parts and acc. indst. - mach. & equip.

& = MFDM331.9 for electrical prod. indst. - mach. & equip.

& = MFDM351.9 for nonmetal min. prod. indst. - mach. & equip.

& = MFNDM101.9 for food and bev. indst. - mach. & equip.

& = MFNDM151.3 for tobacco prod. indst. - mach. & equip.

& = MFNDM162.5 for rub. and plast. prod. indst. - mach. & equip.

& = MFNDM172.9 for leather indst. - mach. & equip.

& = MFNDM181.9 for textile indst. - mach. & equip.

& = MFNDM231.49 for knitting and clothing indst. - mach. & equip.

& = MFNDM271.4 for paper and allied indst. - mach. & equip.

& = MFNDM286.9 for print, pub. and allied indst. - mach. & equip.

& = MFNDM365.9 for pet. & coal prod. indst. - mach. & equip.

& = MFNDM372.9 for chem. & chem. prod. indst. - mach. & equip.

& = MFNDM391.9 for misc. manuf. indst. - mach. & equip.

& = CNSTM for construction indst. - mach. & equip.

& = TRSPM501.27 for transport indst. - mach. & equip.

& = COMMM543.8 for communication indst. - mach. & equip.

& = FIREM701.37 for fin. ins. & real estate indst. - mach. & equip.

& = UTILM572.9 for utility indst. - mach. & equip.

& = TRADM602.99 for whlse and retail trade indst. - mach. & equip.

& = SVCMM for commer svcs. indst. - mach. & equip.

& = SVNCM for other noncommer svcs. indst. - mach. & equip.

& = SVHGEDM806 for college and univ. educ. - mach. & equip.

FRATE = FRATE.IBOND.10Y - industrial long term bond rate

ANOTHER PLASTIAB PRODUCT BY LOWE-MARTIN COMPANY INC.

INDEXATION OF GOVERNMENT TRANSFERS AND REVENUES

CANDIDE Model 2.0 has within the government revenue and expenditure blocks, a number of revenue and expenditure items which in the early 1970's were indexed by statute to movements in the consumer price index. On the transfer side these include family allowance benefits, the old age security and guaranteed income supplement, World War 1 and World War 2 pensions, the Canada Pension Plan, and unemployment insurance benefits. On the revenue side the federal personal income tax system excluding Quebec is indexed. The indexing rules provide for the adjustment of benefit rates or tax brackets by formulae which depend on past movements in (1) CPI or, (2) selected wage indices. The indexing rules have been introduced into the system as a set of institutional behavioural equations. For this reason, it is possible either to override the indexing formulae or to make adjustments to account for changes in indexing rules not reflected in the current structure of the model. Furthermore, each of the specific programs (both on the revenue and transfer side of CANDIDE Model 2.0) which is subject to indexing by statute is associated with a unique indexing formula. This means that individual programs can be de-indexed, with the remaining ones simulated under indexed conditions.

INDEXATION BLOCK

VARIABLES DETERMINED OUTSIDE THE INDEXATION BLOCK

CONSUMER PRICE INDEX	CPI
UNEMPLOYMENT RATE	DURATE
EMPLOYMENT - CONSTRUCTION	NCNST
EMPLOYMENT - TOTAL ECONOMY	NE
EMPLOYMENT - MANUFACTURING, TOTAL	NMF
WAGEBILL - CONSTRUCTION	WECNST
WAGEBILL - MANUFACTURING, TOTAL	WEMF
WAGEBILL - TOTAL	WBTOT

VARIABLES EXOGENOUS TO THE INDEXATION BLOCK

CANADA PENSION PLAN - WT SCHEME FOR PHASING IN RET BENEFITS	GBPC.I.WT	E
UIB FRACTION OF CONTRIBUTORY EARNINGS RECEIVED	GTF.I.UIBBR	E

FAMILY ALLOWANCE BENEFIT INDEX -

<75 GTF.I.FINDEX
75
76

OLD AGE SECURITY AND GISS BENEFIT INDEX -

>76 GTF.I.OAIND
>74 GTF.I.OAIND
>73
>75 GTF.I.WIND
>74

CANADA PENSION PLAN - PENSION INDEX

<75 GBPC.I.PENIN
>74

CANADA PENSION PLAN - APPROXIMATE WAGE INDEX

<75 GBPC.I.YMEX
>74
<73 GTF.I.UICIND
>72

UNEMPLOYMENT INSURANCE - INDEX

<75 GTF.I.URIND
>74

UNEMPLOYMENT INSURANCE - BENCHMARK UNEMPLOYMENT RATE

>74 GR.T.INDEX

PERSONAL INCOME TAX - INDEX FOR BRACKETS AND BENEFITS

>73

PERSONAL INCOME TAX - SINGLE EXEMPTION

>74 GR.T.SINGEX

PERSONAL INCOME TAX - MARRIED EXEMPTION

>73 GR.T.MAREX

PERSONAL INCOME TAX - BASIC TAX - 1ST - 18TH TAX INCOME BRKT

>74 GR.V.YBRJ

PERSONAL INCOME TAX - UPPER LIMIT TO SPOUSAL INCOME

>73 GR.V.YBRJ, J=01,18

PERSONAL INCOME TAX - PRICE INDEX - CUMULATIVE

>74 GR.T.MARUPL

CANADA PENSION PLAN MAXIMUM CONT EARNING - ANNUAL RATE

>73 GR.T.PINDEX

CANADA PENSION PLAN RETIREMENT PENSION - ANNUAL RATE

>75 GTPC.C.MPE

CANADA PENSION PLAN DEPENDENTS BENEFITS - ANNUAL RATE

>74 GBPC.R.RET

CANADA PENSION PLAN SURVIVORS PENSION - ANNUAL RATE

>75 GBPC.R.ORTH

CANADA PENSION PLAN DISABILITY BENEFITS - ANNUAL RATE

>74 GBPC.R.WID

CANADA PENSION PLAN DEATH BENEFIT

>75 GBPC.R.DIS

UIB MAXIMUM INSURABLE EARNINGS - ANNUAL RATE

>74 GBPC.R.DEAD

UIB MAXIMUM ANNUAL BENEFIT NO DEPENDENT

>73 GTF.C.MAXYC

UIB EMPLOYER/EMPLOYEE CONTRIBUTION RATE

>72 GTF.B.UIBS

FAMILY ALLOWANCE BENEFIT RATE PER ANNUM CHILD 0-9

>71 GTF.R.CUIB

>72

<75 GBF.R.FAI

>74

= 1.0
= CPI(-1) / CPI(-2)
= 1.0
= CPI(-1) / CPI(-2)
= 1.0
= .75 * CPI / CPI(-1) + .25 * CPI(-1) / CPI(-2)
= 1.0
= .75 * CPI / CPI(-1) + .25 * CPI(-1) / CPI(-2)
= GBPC.I.PENIN
= .75 * CPI(-1) / CPI(-2) + .25 * CPI(-2) / CPI(-3)
= 1.0
= [(WBCNST + WBMP) / (NCNST + NMP)]
= 1.0
= [(WBTOT / NE) (-1)] / [(WBTOT / NE) (-2)]
= 4.0
= .125 * SUM(I=1,8) DURATE(-1)
= 1.0
= CPI(-1) / CPI(-2)
= GR.T.SINGEX
= GR.T.SINGEX(-1) * GR.T.INDEX
= GR.T.MAREX
= GR.T.MAREX(-1) * GR.T.INDEX
= GR.V.YBRJ, J=01,18
= GR.V.YBRJ(-1) * GR.T.INDEX, J=1,18
= GR.T.MARUPL
= GR.T.MARUPL(-1) * GR.T.INDEX
= GR.T.PINDEX
= GR.T.PINDEX(-1) * GR.T.INDEX
= GTPC.C.MPE
= MIN(1.125 * GTPC.C.MPE(-1), GBPC.I.YMEX)
= GBPC.R.RET
= .08333 * GBPC.I.WT * (GTPC.C.MPE + GTPC.C.MPE(-1) + GTPC.C.MPE(-2))
= GBPC.R.ORTH
= GBPC.R.ORTH(-1) * GBPC.I.PENIN
= GBPC.R.WID
= (.375/12) * (GTPC.C.MPE + GTPC.C.MPE(-1) + GTPC.C.MPE(-2)) + GBPC.R.ORTH
= GBPC.R.DIS
= (.75/12) * (GTPC.C.MPE + GTPC.C.MPE(-1) + GTPC.C.MPE(-2)) + GBPC.R.ORTH
= GBPC.R.DEAD
= .1 * GTPC.C.MPE
= GTF.C.MAXYC
= GTF.C.MAXYC(-1) * GTF.I.UICIND
= GTF.B.UIBS
= GTF.R.UIBBR * GTF.C.MAXYC
= GTF.R.CUIB
= .9 * GTF.R.UIBBR * GTF.I.URIND
= / (100 - GTF.I.URIND)
= GBF.R.FAI
= GBF.R.FAI(-1) * GTF.I.FINDEX

FAMILY ALLOWANCE BENEFIT RATE PER ANNUM CHILD 10-15

YOUTH ALLOWANCE BENEFIT RATE PER ANNUM CHILD 16-17

OLD AGE SECURITY BASIC PENSION ANNUAL RATE

OLD AGE SECURITY GIS ANNUAL RATE MAXIMUM SINGLE

WAR VETERANS ALLOWANCES ANNUAL RATE

WW1 AND WW2 VETERANS BENEFITS ANNUAL RATE

<75 GBF.R.FA2
>74
<75 GBF.R.FA3
>74
<74 GTF.R.OAP
>73
<74 GTF.R.GISS
>73
<75 GTF.R.WVA
>74
<75 GTF.R.WW12
>74

= GBF.R.FA2
= GBF.R.FA2 (-1) * GTF.I.FINDEX
= GBF.R.FA3
= GBF.R.FA3 (-1) * GTF.I.FINDEX
= GTF.R.OAP
= GTF.R.OAP (-1) * GTF.I.OAIND
= GTF.R.GISS
= GTF.R.GISS (-1) * GTF.I.OAIND
= GTF.R.WVA
= GTF.R.WVA (-1) * GTF.I.WIND
= GTF.R.WW12
= GTF.R.WW12 (-1) * GTF.I.WIND

ANOTHER PLASTITAB PRODUCT BY LOWE-MARTIN COMPANY INC.

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GOVERNMENT EXPENDITURES (EXCLUDING PURCHASES
OF GOODS AND SERVICES AND CAPITAL FORMATION)

In CANDIDE Model 2.0 intersectoral transfer expenditures are disaggregated by level of government (federal, provincial, municipal and local, the Canada/Quebec Pension Plan and hospitals). Intersectoral transfer payments are those expenditures incurred by governments which are not counted as a factor payment on the income side and/or are not included as expenditures on the goods and services side of the National Accounts. These intersectoral transfer payments include (1) transfers to persons, foreigners and other levels of government, (2) subsidies, (3) capital assistance and (4) debt servicing. In this block we also derive an estimate of total expenditures by level of government in nominal terms by combining the intersectoral transfer expenditures with nominal expenditures from the goods, service and capital formation blocks.

The most important intersectoral transfer payments at the municipal and local level are transfer payments to persons, intergovernmental transfer payments, and debt servicing. Intergovernmental transfer payments are exogenous. Transfer payments to persons are influenced by population movements, municipal and local revenues, federal government unemployment insurance benefits, and the number of persons unemployed. Municipal and local debt servicing is a rate-base calculation. It depends upon the outstanding

stock of municipal and local debt and the long term provincial/municipal bond rate. The stock of municipal and local debt outstanding is obtained residually by accumulating past municipal and local deficits.

The equations associated with intersectoral transfer payments at the provincial level are specified in a way that captures structural elements. As an example, consider the debt servicing equation. The total stock of provincial bonds outstanding (domestic plus foreign) is obtained by accumulating past deficits. Two stocks are computed, one net of pension funds and the second including pension funds. The stock of municipal and provincial bonds is obtained by aggregating provincial and municipal debt. The additions to the stock of municipal and provincial debt held abroad is determined by a stochastic equation in the balance of payments block. In the provincial expenditure block there is an equation which splits foreign-held municipal debt from foreign-held provincial debt. Once the outstanding stock of provincial debt held abroad is on hand, the domestic component can be determined residually as that part of total debt which is not held abroad (the domestic supply of municipal and provincial debt feeds directly to the asset portfolio model in the financial block). Once the domestic/foreign split is on hand, provincial government interest payments on outstanding debt are derived from a rate-

base calculation where the base is the outstanding stock of provincial debt in total (domestic plus foreign), but interest rates (U.S. and Canadian) are weighted according to the domestic/foreign split. The provincial debt servicing equation also accounts for the influence that pension fund earnings have on interest payments by the provinces in servicing outstanding debt.

Provincial intergovernmental transfer payments to hospitals and local governments are a substantial part of provincial government current expense. The equations associated with these items depend in part on the deficit position of local governments and on the deficit position of the hospital sector. These equations respond to the inability of local governments and hospitals to cover their spending with revenues from other sources.

Transfer payments to persons in the provincial sector include workmen's compensation, government pensions, transfer payments to persons (post-secondary education), and welfare. Each of these equations is influenced by right hand side variables determined elsewhere in the system. For instance grants to post-secondary education are explained by consumer spending on education. The latter is, by National Accounting conventions, identical to the operating expenses of universities. Welfare payments are explained by population, provincial government revenues, and federal unemployment insurance benefits. Workmen's compensation

is explained by the average level of nonagricultural wages and the CPI.

Federal government transfer payments to persons include such items as family allowance benefits, unemployment insurance benefits, old age and guaranteed income security benefits, et cetera. The family allowance benefits, the unemployment insurance benefits, and the old age security benefits are all rate-base calculations. For example, family allowance benefits depend upon an indexed benefit rate and an appropriate population cohort. Unemployment insurance benefits depend upon the indexed benefit rate and the number of recipients, which is tied directly to the number of unemployed (from the demographic block). Federal government transfers to persons associated with the old age security and guaranteed income program depend upon population cohorts, cohort participation rates, and an indexed benefit rate.

Because of the associated policy content we have left exogenous the major agricultural, non-oil and oil subsidies at the federal level. Federal transfers to provincial governments are endogenous in the sample period. However, the established programs (health, medicare and education) are treated exogenously in projection exercises. The time path for these exogenous projections should conform to the statutory legislation currently in force.

Federal debt servicing is endogenous and like provincial, municipal and local debt servicing, is a rate-base calculation. The major financing requirements of the federal government are influenced by the federal deficit position and federal foreign exchange financing activity. Federal foreign exchange financing requirements are determined in the balance of payments block. The composition of the stock of federal debt outstanding is determined in the debt portfolio model of the financial block. In the federal debt servicing equation there are three rates and three bases. The bases include the stock of treasury bills, the stock of Canada Savings Bonds (CSB's), and the stock of long term bonds outstanding. The rates are the finance company paper rate, the CSB rate, and the government ten year bond rate. These rates and bases are determined in the financial block and are influenced by the federal government deficit position.

Hospital expenditures in CANDIDE Model 2.0 (current purchases of goods and services) are determined in nominal terms by combining the information from the consumption and price conversion blocks. The purchases of non goods and service items are small compared to the purchases of goods and services.

The Canada/Quebec Pension Plan sub-model includes equations for disability, retirement, orphans, widows, and death benefits. All of these equations are rate-base calculations which depend upon the number of beneficiaries associated with each program and an indexed benefit rate. The number of beneficiaries of each program is influenced by demographic factors.

In summary, we have the following: (1) Transfer payments to persons at the municipal and local level, at the provincial level, at the federal level, and for the pension plans are aggregated to an economy wide total. Personal income is composed of a number of items of which transfer payments is of major importance. Transfer payments to persons in CANDIDE Model 2.0 are primarily rate-base calculations where the benefit rates are indexed according to statute and the bases are associated with a specific segment of the population and/or labour force. (2) Debt servicing at each level of government is endogenous in CANDIDE Model 2.0. There is disaggregation of outstanding debt by municipal, provincial, and federal levels. Furthermore, provincial debt has been disaggregated and includes a breakdown between foreign and domestic. Federal debt is disaggregated and includes treasury bills, CSB's

and long term government bonds. This disaggregation of debt within CANDIDE Model 2.0 contributes to a structural treatment of debt servicing. (3) Certain intergovernmental transfer payments from provincial governments to hospitals and provincial governments to local governments depend upon the inability of local governments to cover their costs from other revenue sources. The structure of these equations implies that municipal governments and hospitals turn to the provinces if their own revenue sources are inadequate. These equations in part explain the mechanism by which deficits are shifted by the intergovernmental transfer payments system from one level of government to another. (4) Lastly, CANDIDE Model 2.0, from the detail available by level of government (given the revenue accounts), provides estimates of the deficits associated with the federal government, the provincial governments, the municipal and local governments, hospitals and the Canada/Quebec pension plan.

VARIABLES DETERMINED OUTSIDE THE GOVERNMENT EXPENDITURE (OTHER) BLOCK

CONSUMER PRICE INDEX	CPI
CONSUMER EXPENDITURE - EDUCATION & CULTURAL SRVS	CSE40\$
TOTAL DEATHS	DDEATHS
DEATHS OF MARRIED PERSONS	DDEATHS.MAR
FEMALE POPULATION - AGE GROUP 0-4	DPOP000.04
FEMALE POPULATION - AGE GROUP 5-9	DPOP005.09
FEMALE POPULATION - AGE GROUP 10-14	DPOP010.14
FEMALE POPULATION - AGE GROUP 15-19	DPOP015.19
FEMALE POPULATION - AGE GROUP 65 AND OVER	DPOP65+
MALE POPULATION - AGE GROUP 0-4	DMP0000.04
MALE POPULATION - AGE GROUP 5-9	DMP0005.09
MALE POPULATION - AGE GROUP 10-14	DMP0010.14
MALE POPULATION - AGE GROUP 15-19	DMP0015.19
MALE POPULATION - AGE GROUP 65 AND OVER	DMP0065+
TOTAL POPULATION CANADA	DPOP
TOTAL LABOUR FORCE - LF SURVEY	DTOTLF
UNEMPLOYMENT RATE	DURATE
GOVT OF CDA BONDS (EX CSB'S AND TBILLS)	FGD.BOND
CANADA SAVINGS BONDS	FGD.CSB
TOTAL TREASURY BILLS	FGD.TBILL
YIELD ON CANADA SAVINGS BONDS	FRATE.CSB
90-DAY FINANCE CO PAPER RATE	FRATE.FCPAPER3M
GOVT OF CDA BOND YIELD AVERAGES 10 YRS & OVER	FRATE.GBOND.10Y
YIELD ON PROVINCIAL GOVERNMENT BONDS	FRATE.PROG.BOND
FAMILY ALLOWANCE BENEFIT RATE PER ANNUM CHILD 0-9	GBF.R.FA1
FAMILY ALLOWANCE BENEFIT RATE PER ANNUM CHILD 10-15	GBF.R.FA2
YOUTH ALLOWANCE BENEFIT RATE PER ANNUM CHILD 16-17	GBF.R.FA3
CDA PENSION PLAN - PENSION INDEX	GBPC.I.PENIN
CDA PENSION PLAN - DEATH BENEFIT	GBPC.R.DEAD
CDA PENSION PLAN - DISABILITY BEN ANN RATE	GBPC.R.DIS
CDA PENSION PLAN - DEPENDENTS BEN ANN RATE	GBPC.R.ORPH
CDA PENSION PLAN - RETIREMENT PENSION ANN RATE	GBPC.R.R.RET
CDA PENSION PLAN - SURVIVORS PEN ANN RATE	GBPC.R.WID
GOVERNMENT DEFICIT - LOCAL	GDL\$
GOVERNMENT DEFICIT - PROVINCIAL	GDFS
GOVT EXPND - CURNT GDS & SRVS, TOTAL	GE.CG\$
FED GOVT EXPND - CURNT GDS & SRVS, DEF CIV WAGES & SAL	GEF.CG\$.DCWS\$
FED GOVT EXPND - CURNT GDS & SRVS, DEF MILITARY PAY	GEF.CG\$.DMP\$
FED GOVT EXPND - CURNT GDS & SRVS, NONDEF WAGES & SAL	GEF.CG\$.NDWS\$
FED GOVT EXPND - CURNT GDS & SRVS, TOTAL	GEF.CG\$
HOSP GOVT EXPND - GDS & SRVS, TOTAL	GEH.CG\$
HOSP GOVT EXPND - INVST TOTAL	GEH.INVS
LOCAL GOVT EXPND - GDS & SRVS, TOTAL	GEL.CG\$
LOCAL GOVT EXPND - INVST TOTAL	GEL.INVS
PROV GOVT EXPND - GDS & SRVS, MEDICARE	GEP.CG\$.MED\$
PROV GOVT EXPND - GDS & SRVS, WAGES & SAL, SLI	GEP.CG\$.WS\$
PROV GOVT EXPND - GDS & SRVS, TOTAL	GEP.CG\$
CANADA PENSION PLAN - ADMINISTRATION COST	GEPENC.G\$
QUEBEC PENSION PLAN - ADMINISTRATION COST	GEPENQ.G\$
GROSS NATIONAL EXPND AT MARKET PRICES	GNE\$
LOCAL REVENUE - INDIRECT TAXES PROPERTY TAX	GRL.PROP\$
LOCAL REVENUE - TOTAL	GRL

PROV GOVT REVENUE - TOTAL
CANADA PENSION PLAN REVENUE - INTEREST INCOME
QUEBEC PENSION PLAN REVENUE - INTEREST INCOME
N.A. ESTIMATE OF RESERVES - CDA PENSION PLAN
GOVERNMENT SAVING CANADA PENSION PLAN
GOVERNMENT SAVING QUEBEC PENSION PLAN
N.A. ESTIMATE OF RESERVES - QUEBEC PENSION PLAN
UUB MAX ANNUAL BENEFIT NO DEPENDENT
OLD AGE SECURITY GIS ANN RATE MAX SINGLE
OLD AGE SECURITY BASIC PENSION ANN RATE
WAR VETERANS ALLOWANCE SINGLE RATE ANNUAL
WW1 AND 2 PENSION WTD ANNUAL RATE
UUB EARNING LIMIT FOR PARTICIPATION IN UUB
EMPLOYMENT - AGRIC, FISH & TRAP INDST
EMPLOYMENT - TOTAL ECONOMY
PERSONAL INCOME
CPPL ACCT - STOCK OF PROV AND MUN SECURITIES HET
WAGEBILL - AGRICULTURE, FISHING & TRAPPING
WAGEBILL - TOTAL
BOND RATE, TOTAL

VARIABLES EXOGENOUS TO THE GOVERNMENT EXPENDITURE (OTHER) BLOCK

OLD AGE SECURITY	OLD AGE PENSION	PART RATE
NO OF RECIPIENTS	WAR VETERANS ALLOWANCES	
NO OF WW1 AND 2	VETERANS RECEIVING	BENEFITS
DUMMY VARIABLE -	GOVT EXPND BLOCK	
DUMMY VARIABLE -	GOVT EXPND BLOCK	
DUMMY VARIABLE -	GOVT EXPND BLOCK	
DUMMY TIME SERIES -	GOVT EXPND BLOCK	
DUMMY VARIABLE -	GOVT EXPND BLOCK	
DUMMY VARIABLE -	GOVT EXPND BLOCK	
DUMMY VARIABLE -	GOVT EXPND BLOCK	
DUMMY VARIABLE -	GOVT EXPND BLOCK	
DUMMY VARIABLE -	GOVT EXPND BLOCK	
DUMMY VARIABLE -	GOVT EXPND BLOCK	
DUMMY VARIABLE -	GOVT EXPND BLOCK	
DUMMY VARIABLE -	GOVT EXPND BLOCK	
DUMMY VARIABLE -	GOVT EXPND BLOCK	
FED GOVT EXPND	CAPITAL ASSISTANCE	
FED GOVT EXPND	SUBSIDIES EXCL AGRICULTURE	
FED GOVT EXPND	SUBSIDIES OIL IMPORTS	
FED GOVT EXPND	TRNFS TO LOCAL GOVT, TOTAL	
FED GOVT EXPND	TRNFS TO NON RES, PENSIONS	
FED GOVT EXPND	TRNFS TO PRSNS, TERMINATED	
FED GOVT EXPND	TRNFS TO PROV, TRANS CDA HIL	
FED GOVT EXPND	TRNFS TO PROV, TECH VOC TRA	
LOCAL GOVT EXPND	TRNFS TO HOSPITALS	
LOCAL GOVT EXPND	TRNFS TO PROV	
PROV GOVT EXPND	CAPITAL ASSISTANCE	
PROV GOVT EXPND	TRNFS TO PRSNS, HOSPITALS	

E	GDF.P.OPART
E	GDF.P.WW1
E	GDF.P.WW2
E	GDFMAC
E	GEDFTP67
E	GEDFTPE71
E	GEDTIME
E	GEDUMCSE1
E	GEDUMCSE2
E	GEDUMCY66
E	GEDUMMY70
E	GEDUMMY71
E	GEDUMMY73
E	GEDUMMY74
E	GEDUM610FF
E	GEDUM650N
E	GEDUM670N
E	GEDUM680N
E	GEDUM720N
E	GEDUM740N
E	GGF.CASS
E	GGF.SUB.AG\$
E	GGF.SUB.NA-OIL\$
E	GGF.SUB.OILMS
E	GGF.TLOS
E	GGF.TNR.PEN\$
E	GGF.TPE.NIL\$
E	GGF.TPR.TC\$
E	GGF.TPR.VOC\$
E	SEL.THOS
E	SEL.TPR\$
E	SEEP.CASS
E	SEEP.TPE.HOSS

GEF.TPR-HOSS
GEF.TPR-MEDS
GEF.TPR-TAXS
GEF.TPR-GRUS
GEF.TPR-OTHR\$
GVL.B.RES
GVP.B.RES

E
E
E
E
E
E
E

FED GOVT EXPND - TRNFS TO PROV, HOSP INS RES & GRANTS
FED GOVT EXPND - TRNFS TO PROV, MEDICARE
FED GOVT EXPND - TRNFS TO PROV, TAXATION AGREEMENTS
FED GOVT EXPND - TRNFS TO PROV, POST SECONDARY EDUC
FED GOVT EXPND - TRNFS TO PROV, MISC & STATUTORY GRANTS
NET NEW ISSUES OF LOCAL GOVT BONDS - ADJUSTING ENTRY
PROV GOVT BUDGET RESTRAINT RESIDUAL NET OF PENS

CANDIDE MODEL 2.0
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[illegible]

Equation No.: 1419

Name: Local Government Expenditures -- Transfers to Persons, Total

Mnemonic: GEL.TPE\$

Period: 1955-75

$\ln((\text{GEL.TPE\$} / \text{DPOP}) / \text{CPI})$

= - 1.69368
(1.84)

+ .497717
(2.83)

$\ln((\text{GRL\$} / \text{DPOP}) / \text{CPI})$

- .189724
(1.41)

$\ln(\text{GEF.TPE.UIB\$} / ((\text{DTOTLF} - \text{NE}) * \text{CPI}))$

+ .504181
(2.47)

$\ln(\text{GEL.TPE\$}(-1) / \text{DPOP}(-1) / \text{CPI}(-1))$

$\bar{R}^2 = .877$

SEE = .123

D.W. = .974

RHO = .489

Equation No.: 1420

Name: Local Government Expenditures -- Interest Payments

Mnemonic: GEL.INT\$

Period: 1955-75

GEL.INT\$ / GVL.B.STOCK(-1)

= + sum(i=0,5)b(i) FRATE.PROG.BOND(-i)

i	b(i)	t(i)
0	+.00177594	(1.81)
1	+.00190562	(3.03)
2	+.00224179	(3.42)
3	+.00250189	(5.84)
4	+.00240334	(4.11)
5	+.00166357	(2.51)
sum	+.0124922	(39.59)
	(3,6,FAR)	

$\bar{R}^2 = .971$

SEE = .00391

D.W. = .735

RHO = .618

Equation No.: 2906

Name: Provincial Government Expenditures -- Transfers to
Persons, Workmen's Compensation

Mnemonic: GEP.TPE.WCOM\$

Period: 1955-75

GEP.TPE.WCOM\$ / (CPI * (NE - NAGFT1.21+41.7))

= + .0119585
(13.04)

+ .00301625 ((WBTOT - WBAGFT1.21+41.7) /
(19.90) (NE - NAGFT1.21+41.7))

$\bar{R}^2 = .977$

SEE = .001

D.W. = 1.059

RHO = .499

Equation No.: 2907

Name: Provincial Government Expenditures -- Transfers to
Persons, Pensions (Government)

Mnemonic: GEP.TPE.PEN\$

Period: 1955-75

GEP.TPE.PEN\$

= + .107783
(0.21)

+ .00404289 GEP.CGS.WS\$
(1.12)

+ .987874 (CPI(-1) / CPI(-2) * GEP.TPE.PEN\$(-1))
(8.31)

$\bar{R}^2 = .991$

SEE = 4.460

D.W. = 2.935

RHO = -.885

Equation No.: 2908

Name: Provincial Government Expenditures -- Transfers to
Persons, Grants to Post Secondary Education

Mnemonic: GEP.TPE.SCH\$

Period: 1954-75

GEP.TPE.SCH\$

= - 46.3015
(7.33)

+ .589292
(55.16)

CSE40\$

+ 131.364
(7.82)

GEDUM67ON

$\bar{R}^2 = .999$

SEE = 19.460

D. W. = 2.063

Equation No.: 2909

Name: Provincial Government Expenditures -- Transfers to Persons,
Welfare and Miscellaneous

Mnemonic: GEP.TPE.WEL\$

Period: 1955-75

GEP.TPE.WEL\$ / (DPOP * CPI)

= + .00499571
(3.22)

+ .0975591 (GRP\$ / (DPOP * CPI))
(17.70)

+ .00732799 GEDUM68ON
(3.17)

- .00337463 (GEF.TPE.UIB\$ / ((DTOTLF - NE) * CPI))
(3.24)

$\bar{R}^2 = .992$

SEE = .002

D.W. = 1.663

Equation No.: 1427

Name: Provincial Government Expenditures -- Subsidies

Mnemonic: GEP.SUB\$

Period: 1955-75

GEP.SUB\$

= - 24.8671
(2.92)

+ 17.2812 GEDUMMY66
(0.69)

+ .00809756 (GNE\$ - GNE\$(-1))
(3.86)

+ .00801188 (GNE\$(-1) - GNE\$(-2))
(1.93)

+ .62954 GEP.SUB\$(-1)
(3.76)

$\bar{R}^2 = .983$

SEE = 24.131

D.W. = 2.017

Equation No: 2962

Name: Stock of Outstanding Provincial Bonds -- Proportion Held Abroad

Mnemonic: GVP.B.SPLIT

Period: 1956-75

GVP.B.SPLIT - (1 + (GVL.B.STOCK / GVP.B.STOCK)) * (TBK.STK.PRMNSC\$
/ (GVP.B.STOCK + GVL.B.STOCK))

= + .0622863
(3.89)

- .360859 (GVL.B.STOCK / GVP.B.STOCK)
(10.64)

$\bar{R}^2 = .935$

SEE = .006

D.W. = .858

RHO = 0.491

Equation No.: 1429

Name: Provincial Government Expenditures -- Interest Payments

Mnemonic: GEP.INT\$

Period: 1956-75

(GEP.INT\$ - GRPENC.YI\$ - GRPENQ.YI\$) / GVP.B.STOCK(-1)

= + sum(i=1,5)b(i) ((1 - GVP.B.SPLIT(i-1))
* FRATE.PROG.BOND(-i))

+ sum(i=1,5)c(i) (GVP.B.SPLIT(-i-1)
* ZUSFRMCS(i-1))

i	b(i)	t(i)	c(i)	t(i)
1	+.000695570	(6.56)	+.000873047	(3.45)
2	+.00111291	(6.56)	+.00139688	(3.45)
3	+.00125203	(6.56)	+.00157148	(3.45)
4	+.00111291	(6.56)	+.00139688	(3.45)
5	+.000695570	(6.56)	+.000873047	(3.45)
sum	+.00486899	(6.56)	+.00611132	(3.45)
	(2,5,BOTH)		(2,5,BOTH)	

$\bar{R}^2 = .928$

SEE = .002

D.W. = .809

RHO = .733

Equation No.: 1430

Name: Provincial Government Expenditures -- Transfers to
Local Government

Mnemonic: GEP.TLO\$

Period: 1955-75

GEP.TLO\$ + GRL.IT.PROP\$(-1) - GEL.INV\$(-1) - GEL.C\$(-1)

= - 367.257
(5.43)

- .0956020 (GEL.INV\$(-1) + GEL.C\$(-1))
(8.79)

$\bar{R}^2 = .887$

SEE = 115.06

D.W. = 1.149

RHO = .396

Equation No.: 1431

Name: Provincial Government Expenditures -- Transfers to Hospitals

Mnemonic: GEP.THOS

Period: 1961-75

GEP.THOS

= - 58.2431
(4.74)

+ .975469 (GEH.C\$ + GEH.INV\$)
(188.98)

$\bar{R}^2 = .998$

SEE = 51.064

D.W. = 2.829

RHO = -.735

Equation No.: 2910

Name: Federal Government Expenditures -- Transfers to Persons,
Family and Youth

Mnemonic: GEF.TPE.FAYA\$

Period: 1954-75

GEF.TPE.FAYA\$

= - 10.6377
(0.44)

+ 1.01635 (GBF.R.FA1 * (DMP0P00.04 + DMP0P05.09
(21.53) + DFPOP00.04 + DFPOP05.09) + GBF.R.FA2
* (DMP0P10.14 + DFPOP10.14 + 0.2 * (DMP0P15.19
+ DFPOP15.19)))

+ .585976 (GBF.R.FA3 * 0.4 * (DMP0P15.19 + DFPOP15.19))
(14.97)

- 35.0257 GEDFMAC
(6.50)

+ .301390 (GEDUM74ON * (GBF.R.FA3 * 0.4 * (DMP0P15.19
(1.48) + DFPOP15.19)))

$\bar{R}^2 = 1.000$

SEE = 4.895

D.W. = 2.033

Equation No.: 2911

Name: Participation Rate -- Guaranteed Income Supplement

Mnemonic: GDF.P.GISPART

Period: 1967-75

GDF.P.GISPART

= + .409239
(11.57)

- .286786 ((GEPENC.TPE.BEN\$ + GEPENQ.TPE.BEN\$)
(1.81) / ((DMPOP65+ + DFPOP65+) * CPI))

+ .287926 (GTF.R.GISS / CPI)
(3.28)

$\bar{R}^2 = .687$

SEE = .017

D.W. = 1.499

Equation No.: 2912

Name: Federal Government Expenditures -- Transfers to Persons,
Old Age Security

Mnemonic: GEF.TPE.OAS\$

Period: 1954-75

GEF.TPE.OAS\$

= + 36.2261
(2.73)

+ .944285 (GTF.R.OAP * GDF.P.OAPART * (DMPOP65+
(64.91) + DFPOP65+))

+ .894896 (GTF.R.GISS * GDF.P.GISPART * GDF.P.OAPART *
(31.95) (DMPOP65+ + DFPOP65+))

$\bar{R}^2 = 1.000$ SEE = 14.082 D.W. = .568 RHO = .744

Equation No.: 2913

Name: Number of Beneficiaries of Unemployment Insurance

Mnemonic: GDF.P.BENUI

Period: 1956-75

GDF.P.BENUI

$$\begin{aligned} = & + 41.184 \\ & (3.51) \\ & + .99525 \quad (DTOTLF - NE) \\ & (43.82) \\ & - .323296 \quad (((WBTOT / NE) / GTF.V.YLIM) * (DTOTLF - NE)) \\ & (16.02) \\ & + .130374 \quad (GEDUM61OFF * (DTOTLF - NE)) \\ & (7.87) \end{aligned}$$

$\bar{R}^2 = .993$

SEE = 11.403

D.W. = 2.240

Equation No.: 2914

Name: Federal Government Expenditures -- Transfers to Persons,
Unemployment Insurance

Mnemonic: GEF.TPE.UIB\$

Period: 1956-75

GEF.TPE.UIB\$

= + 28.97000
(2.91)

+ .780097 (GTF.B.UIBS * GDF.P.BENUI)
(47.59)

- 278.576 GEDUMMY71
(9.68)

- 493.311 GEDUM72ON
(9.57)

$\bar{R}^2 = .999$

SEE = 23.167

D.W. = 1.789

Equation No.: 2915

Name: Federal Government Expenditures -- Transfers to Persons,
Pensions (Government)

Mnemonic: GEF.TPE.PEN\$

Period: 1956-75

GEF.TPE.PEN\$

= + 3.21580
(0.19)

+ .00974169 (GEF.CGS.NDWS\$ + GEF.CGS.DCWS\$ + GEF.CGS.DMP\$)
(0.51)

+ .887539 (CPI(-1) / CPI(-2) * GEF.TPE.PEN\$(-1))
(4.05)

$\bar{R}^2 = .986$

SEE = 14.043

D.W. = 1.024

RHO = .484

Equation No.: 2916

Name: Federal Government Expenditures -- Transfers to Persons,
War Veterans Allowances

Mnemonic: GEF.TPE.WVA\$

Period: 1954-75

GEF.TPE.WVA\$

= + 12.2583
(2.27)

+ .860498 (GTF.R.WVA * GDF.P.WVA)
(15.43)

- 11.4237 GEDUMMY73
(1.05)

$\bar{R}^2 = .921$

SEE = 10.317

D.W. = 1.464

Equation No.: 2917

Name: Federal Government Expenditures -- Transfers to Persons,
World War I and World War II

Mnemonic: GEF.TPE.PWW\$

Period: 1954-75

GEF.TPE.PWW\$

= - 21.0041
(2.23)

+ .484041 (GTF.R.WW12 * GDF.P.WW12)
(22.79)

- 27.0444 GEDUMMY73
(5.43)

$\bar{R}^2 = .985$ $SEE = 6.789$ $D.W. = .762$ $RHO = .617$

Equation No.: 2955

Name: Federal Government Expenditures -- Transfers to Persons, Other

Mnemonic: GEF.TPE.OTH\$

Period: 1955-75

GEF.TPE.OTH\$ / DPOP / CPI

= - .00212306
(0.29)

+ .00280518 (PY\$ / DPOP / CPI)
(0.91)

+ .00307454 (GEDFTPE67 * (PY\$ / DPOP / CPI))
(3.58)

+ .00147665 (GEDFTPE71 * (PY\$ / DPOP / CPI))
(1.57)

$\bar{R}^2 = .955$

SEE = .0022

D.W. = .750

RHO = .615

Equation No.: 1441

Name: Federal Government Expenditures -- Transfers to Nonresidents,
Official Contributions

Mnemonic: GEF.TNR.OCONT\$

Period: 1955-75

GEF.TNR.OCONT\$

= - 62.7713
(4.30)

+ .00296377 GNE\$
(15.95)

$\bar{R}^2 = .927$

SEE = 32.627

D.W. = 1.427

Equation No.: 1444

Name: Federal Government Expenditures -- Interest Payments

Mnemonic: GEF.INT\$

Period: 1956-75

GEF.INT\$

= - 153.08200
(2.57)

+ 1.15401 (.005 * FRATE.FCPAPER3M * (FGD.TBILL
(29.98) + FGD.TBILL(-1)) + .005 * FRATE.CSB
* (FGD.CSB + FGD.CSB(-1))
+ .005 * FRATE.GBOND.10Y * (FGD.BOND
+ FGD.BOND(-1)))

$\bar{R}^2 = .979$

SEE = 126.36

D.W. = 1.998

Equation No.: 2969

Name: Federal Government Expenditures -- Transfers to Provinces,
Canada Assistance Plan and Other Welfare

Mnemonic: GEF.TPR.CAP+\$

Period: 1962-75

GEF.TPR.CAP+\$

= + 27.7967
(1.73)

+ .269252 GEP.TPE.WEL\$
(17.04)

- 44.7223 GEDUM67ON
(1.74)

$\bar{R}^2 = .977$

SEE = 30.853

D.W. = 1.585

Equation No.: 1449

Name: Hospital Expenditures -- Interest Payments

Mnemonic: GEH.INT\$

Period: 1961-75

GEH.INT\$

= + 5.95519
(2.34)

+ .886773 GEH.INT\$(-1)
(9.34)

$\overline{R^2} = .860$

SEE = 4.1669

D.W. = 1.574

Equation No.: 2945

Name: Canada Pension Plan -- Number of New Retirement Pension
Recipients

Mnemonic: GDPC.N.RET

Period: 1969-75

GDPC.N.RET / (DMPPOP65+ + DFPOP65+)

= + .024523
(4.46)

+ .00756739 In(GEDTIME)
(2.00)

+ .0142744 GEDUMMY70
(2.08)

$\bar{R}^2 = .414$

SEE = .005967

D.W. = 1.484

Equation No.: 2918

Name: Canada Pension Plan -- Retirement Benefits

Mnemonic: GBPC.B.RET\$

Period: 1969-76

GBPC.B.RET\$ - .961244 * GBPC.I.PENIN * GBPC.B.RET\$(-1)

= + .64578 (GDPC.N.RET * GBPC.R.RET)
(40.43)

- 12.5781 GEDUMMY74
(2.78)

$\bar{R}^2 = .991$

SEE = 4.343

D.W. = 1.775

Equation No.: 2951

Name: Canada Pension Plan -- Number of New Survivors Beneficiaries

Mnemonic: GDPC.N.WID

Period: 1969-74

GDPC.N.WID

= - 27.7034
(1.30)

+ .589543 DDEATHS.MAR
(2.16)

$\bar{R}^2 = .422$

SEE = 1.5257

D.W. = 1.657

Equation No.: 2919

Name: Canada Pension Plan -- Surviving Spouse Benefits

Mnemonic: GBPC.B.WID\$

Period: 1970-76

GBPC.B.WID\$ - .950405 * GBPC.I.PENIN * GBPC.B.WID\$(-1)

= + .91451 (GBPC.R.WID * GDPC.N.WID)
(20.77)

$\overline{R}^2 = .903$

SEE = 2.311

D.W. = 1.627

Equation No.: 2949

Name: Canada Pension Plan -- Number of Death Benefits

Mnemonic: GDPC.P.DEAD

Period: 1969-74

GDPC.P.DEAD / (.74 * DDEATHS)

= + .138880
(16.98)

+ .0620822 ln(GEDTIME)
(9.51)

$\bar{R}^2 = .947$

SEE = .0097

D.W. = 2.640

NOTE: GEDTIME = 1 in 1969

Equation NO.: 2920

Name: Canada Pension Plan -- Death Benefits

Mnemonic: GBPC.B.DEAD\$

Period: 1969-76

GBPC.B.DEAD\$

= + 1.03954
(2.96)

+ .731401 (GBPC.R.DEAD * GDPC.P.DEAD)
(38.97)

$\bar{R}^2 = .995$

SEE = .373

D.W. = 1.643

Equation No.: 2921

Name: Canada Pension Plan -- Number of New Disability Recipients

Mnemonic: GDPC.N.DIS

Period: 1971-75

GDPC.N.DIS

= - 43.7039
(2.66)

+ .0063737 DTOTLF
(3.56)

$\bar{R}^2 = .745$

SEE = 1.974

D.W. = 1.722

Equation No.: 2922

Name: Canada Pension Plan -- Disability Benefits

Mnemonic: GBPC.B.DIS\$

Period: 1971-76

GBPC.B.DIS\$ - .762552 * GBPC.I.PENIN * GBPC.B.DIS\$(-1)

= + .968506 (GBPC.R.DIS * GDPC.N.DIS)
(37.67)

- 5.25545 GEDUMMY74
(3.04)

$\bar{R}^2 = .982$

SEE = 1.607

D.W. = 1.571

Equation No.: 2923

Name: Canada Pension Plan -- Number of New Recipients
of Dependent Benefits

Mnemonic: GDPC.N.ORPH

Period: 1969-76

GDPC.N.ORPH

= + 10.654
(5.61)

+ .55099 (GDPC.N.WID + GDPC.N.DIS)
(9.78)

$\bar{R}^2 = .931$

SEE = 1.631

D.W. = .916

Equation No.: 2924

Name: Canada Pension Plan -- Dependents Benefits

Mnemonic: GBPC.B.ORPH\$

Period: 1969-76

GBPC.B.ORPH\$ - .765963 * GBPC.I.PENIN * GBPC.B.ORPH\$(-1)

= + 1.13677 (GBPC.R.ORPH * GDPC.N.ORPH)
(19.67)

$\bar{R}^2 = .910$

SEE = 1.884

D.W. = 1.476

Equation No.: 1453

Name: Quebec Pension Plan -- Benefits Paid

Mnemonic: GEPENQ.TPE.BEN\$

Period: 1969-76

GEPENQ.TPE.BEN\$

= + 3.64256
(0.52)

+ .346176 GEPENC.TPE.BEN\$
(18.77)

$\bar{R}^2 = .980$

SEE = 12.273

D.W. = 1.921

Equation No.: 1410

Name: Government Expenditures -- Capital Assistance,
Persons

Mnemonic: GE.CAS.PE\$

Period: 1955-75

GE.CAS.PE\$

= - 7.63917
(0.73)

+ .290847 GE.CAS\$
(7.08)

+ 2.34727 (DURATE - DURATE(-1))
(1.02)

$\bar{R}^2 = .753$

SEE = 17.024

D.W. = .527

RHO = .736

ANOTHER PLASTITAB PRODUCT BY LOWE-MARTIN COMPANY INC.

GOVERNMENT REVENUES (EXCLUDING FEDERAL AND
PROVINCIAL PERSONAL INCOME TAX)

Government revenues are disaggregated by level of government (federal, provincial, municipal and local, the Canada and Quebec pension plan, and hospitals) and by revenue source (direct taxes, personal and corporate, indirect taxes, transfers from persons and from foreigners, intergovernmental transfers, and investment income).

Let us deal first with municipal and local government revenues. The major revenue items at the municipal and local level are property taxes and provincial transfer payments. Both of these equations have been specified as reaction functions. Provincial intergovernmental transfers to local governments adjust to cover the gap between property tax receipts in the previous year and expenditures on current and capital account. The property tax equation states that property tax rates adjust to cover any shortfall that occurs in the difference between expected costs and provincial transfers.

Personal income tax collections at the provincial level are discussed in the section on the personal income tax calculator. The other personal direct tax items include pension and workmen's compensation contributions. These

equations have as right hand side explanatory variables proxies for the appropriate base upon which these taxes are levied. For example, the base in the workmen's compensation equation is wagebill per person in the nonagricultural sector.

Corporate direct taxes at the provincial level are a rate-base calculation. They depend upon a provincial corporate profit tax rate (weighted) and taxable corporate profits.

Indirect taxes accruing to provincial governments are disaggregated and include such items as the provincial gasoline tax, motor vehicle licence fees, the retail sales tax, and profits of liquor control boards. The retail sales tax is derived from a rate-base calculation with weighted provincial rates applied to the appropriate base by revenue source.

It was mentioned in the section on government expenditures that federal intergovernmental transfer payments to provinces associated with the tax agreement, health, and education have been left exogenous. However, when projected, the time path of these exogenous variables conforms to the statutory legislation currently in force.

Royalties at the provincial level associated with energy have been left exogenous because of their policy content. During simulation, they must be related directly to the energy price assumptions in any given solution. The remaining sources of provincial investment income are influenced by profits of government business enterprises, interest rates, and provincial government revenue levels.

Federal government revenues, like provincial government revenues, include a detailed explanation for direct personal taxes. Direct personal taxes at the federal level are discussed in the section dealing with the personal income tax calculator. The other direct taxes associated with personal income at the federal level include contributions to unemployment insurance and employer-employee contributions to government pension plans. Unemployment insurance contributions are derived from a rate-base calculation which depends upon those participating in the program (the base), an exogenously determined rate and a maximum contributory earning index.

Corporate taxes at the federal level are simple rate-base calculations. They depend upon corporate taxable income and the appropriate tax rate.

Indirect taxes at the federal level, including the manufacturing sales tax and excise taxes, are also rate-base calculations. The federal excise tax on gasoline and the oil export tax have been left exogenous because of their recent imposition.

The remaining revenue items in the National Accounts are those of the Canada/Quebec Pension Plan and hospitals. Pension Plan revenues are rate-base calculations which depend upon demographic information, contribution rates, and maximum taxable earnings. The contribution rates in the pension plan revenue calculator are exogenous.

Hospital revenues are largely transfers from the provinces. They depend upon the costs associated with the hospital accounts. These costs are generated as a result of the quantities determined in the consumption block and the prices associated with health care determined at the sector price level.

GOVERNMENT REVENUE BLOCK

VARIABLES DETERMINED OUTSIDE THE GOVERNMENT REVENUE BLOCK

PASSENGER VEHICLE REGISTRATIONS	C.RPV
CONSUMER EXPENDITURE - TOTAL DURABLE GOODS AS PER NAT.ACC.	CD\$
CONSUMER EXPENDITURE - TOTAL SEMI-DURABLES AS PER NAT.ACC.	CH\$
CONSUMER EXPENDITURE - MEN'S AND BOYS' CLOTHING	CHCL0\$
CONSUMER EXPENDITURE - WOMEN'S GIRLS' AND INFANTS' WEAR	CHC20\$
CONSUMER EXPENDITURE - FOOTWEAR AND REPAIR	CHC30\$
CONSUMER EXPENDITURE - BOOKS NEWSPAPERS & MAGAZINES	CHC20\$
CONSUMER EXPENDITURE - TOTAL NONDURABLES AS PER NAT.ACC.	CNS
CONSUMER EXPENDITURE - FOOD & NON-ALCOHOLIC BEVERAGES	CNF10\$
CONSUMER EXPENDITURE - ALCOHOLIC BEVERAGES	CNF20\$
CONSUMER EXPENDITURE - ALCOHOLIC BEVERAGES	CNF20\$
CONSUMER EXPENDITURE - TOBACCO	CNF30\$
CONSUMER EXPENDITURE - NONDURABLES HOUSEHOLD SUPPLIES	CNH40\$
CONSUMER EXPENDITURE - DRUGS AND SUNDRIES	CNM40\$
CONSUMER EXPENDITURE - TOILET ARTICLES & COSMETICS	CNP20\$
CONSUMER EXPENDITURE - ELECTRICITY	CNR40\$
CONSUMER EXPENDITURE - GAS	CNR50\$
CONSUMER EXPENDITURE - OTHER FUELS	CNR60\$
CONSUMER EXPENDITURE - GASOLINE OIL & GREASE	CNT30\$
CONSUMER PRICE INDEX	CPI
CONSUMER EXPENDITURE - EXPENDITURE ON RESTAURANTS & HOTELS	CSP40\$
CONSUMER EXPENDITURE - OTHER AUTO RELATED SERVICES	CST40\$
TOTAL LABOUR FORCE - LF SURVEY	DTOTLF
GOVT OF CANADA BOND YIELD AVERAGES 10 YRS & OVER	FRATE.GBOND.10Y
YIELD ON PROVINCIAL GOVERNMENT BONDS	FRATE.PROG.BOND
GOVT EXPND - TOTAL CURRENT (EXCL INTERGOV TRANSFERS)	GE.C\$
GOVT EXPND - CURNT GDS & SRVS, DEPRECIATION	GE.CGS.CCA\$
GOVT EXPND - INVST TOTAL CAPITAL FORMATION	GE-INV.CAPF\$
FED GOVT EXPND - TOTAL CURRENT	GEF.C\$
FED GOVT EXPND - CURNT GDS & SRVS, DEPRECIATION	GEF.CGS.CCA\$
FED GOVT EXPND - CURNT GDS & SRVS, DEF CIV WAGES & SAL	GEF.CGS.DCWS\$
FED GOVT EXPND - CURNT GDS & SRVS, DEF MILITARY PAY	GEF.CGS.DMP\$
FED GOVT EXPND - CURNT GDS & SRVS, NONDEFENCE WAGES & SAL	GEF.CGS.NDWS\$
FED GOVT EXPND - INVST FIXED CAPITAL	GEF-INV.CAPF\$
FED GOVT EXPND - TRNFS TO LOCAL GOVT	GEF.TLOS\$
FED GOVT EXPND - TRNFS TO PROV, TOTAL	GEF.TPR\$
FED GOVT EXPND - TOTAL CURRENT	GEH.C\$
HOSP GOVT EXPND - GDS & SRVS, DEPRECIATION	GEH.CGS.CCA\$
HOSP GOVT EXPND - INVST TOTAL	GEH-INV\$
LOCL GOVT EXPND - TOTAL CURRENT	GEL.C\$
LOCL GOVT EXPND - GDS & SRVS, DEPRECIATION	GEL.CGS.CCA\$
LOCL GOVT EXPND - INVST TOTAL	GEL-INV\$
LOCL GOVT EXPND - TRNFS TO HOSPITALS	GEL.THOS\$
LOCL GOVT EXPND - TRNFS TO PROV	GEL.TPR\$
PROV GOVT EXPND - TOTAL CURRENT	GEP.C\$
PROV GOVT EXPND - GDS & SRVS, DEPRECIATION	GEP.CGS.CCA\$
PROV GOVT EXPND - GDS & SRVS, WAGES & SAL,SLI	GEP.CGS.WS\$
PROV GOVT EXPND - INVST TOTAL	GEP-INV\$

PROV GOVT EXPND - TRNFS TO HOSPITALS
 PROV GOVT EXPND - TRNFS TO LOCAL GOVT TOTAL
 CANADA PENSION PLAN - TOTAL
 QUEBEC PENSION PLAN - TOTAL
 GROSS NATIONAL EXPND AT MARKET PRICES
 FED GOVT REVENUE - DIRECT TAXES PERSONAL INCOME
 FED GOVT REVENUE - DIRECT TAXES PERSONAL INCOME
 UIB MAXIMUM INSURABLE EARNINGS - ANNUAL RATE
 UIB EMPLOYER/EMPLOYEE CONTRIBUTION RATE
 CANADA PENSION PLAN MAX CONTRIB EARNINGS - ANNUAL RATE
 INV BUS NONRES CONST - NATIONAL ACCOUNTS
 INV BUS MACH & EQUIP - NATIONAL ACCOUNTS
 INVENTORY - GOVERNMENT
 EMPLOYMENT - AGRICULTURE, FISH & TRAP INDST
 EMPLOYMENT - TOTAL ECONOMY
 DEFATOR CONS EXPND - ALCOHOLIC BEVERAGES
 DEFATOR CONS EXPND - TOBACCO
 DEFATOR CONS EXPND - GASOLINE OIL & GREASE
 RESID CONST INVST - BUSINESS, TOTAL NAT.ACC
 IMPORTS TOTAL GOODS - WORLD
 IMPORTS SERVICES PYMTS - INCOME PYMTS - WORLD
 WAGEBILL - AGRICULTURE, FISH & TRAPPING INDST
 WAGEBILL - CONSTRUCTION
 WAGEBILL - TOTAL
 GDP, FORESTRY INDUSTRIES
 GDP, MINING, TOTAL
 RDP, REAL DOMESTIC PRODUCT, TOTAL ECONOMY
 CORPORATION PROFITS BEFORE TAXES
 PROFITS OF GOVT BUS ENTERPRISES

GEP.-TLOS
 GEP.-TLOS
 GEPENCS
 GEPENQ\$
 GNE\$
 GRF.DT.PINC\$
 GRP.DT.PINC\$
 GTF.C.MAXYC
 GTF.R.CUIB
 GTPC.C.MPE
 IBNACOS
 IBNAM\$
 INVGVS
 NAGFTL.21+41.7
 NE
 PFCNF20
 PFCNF30
 PFCNT30
 RCINAB\$
 TMGWS
 TMSINCPYMS
 WBAGFTL.21+41.7
 WBCNST
 WBTOT
 XFSTY31.9\$
 XMI\$
 XRDP
 Y.PROFBT.CORP\$
 Y.PROFBT.GOVBS\$

VARIABLES EXOGENOUS TO THE GOVERNMENT REVENUE BLOCK

DUMMY VARIABLE - GOVERNMENT REVENUE BLOCK	GRDUMMY71	E
DUMMY VARIABLE - GOVERNMENT REVENUE BLOCK	GRDUMMY75	E
DUMMY VARIABLE - GOVERNMENT REVENUE BLOCK	GRDUM5556	E
DUMMY VARIABLE - GOVERNMENT REVENUE BLOCK	GRDUM5761	E
DUMMY VARIABLE - GOVERNMENT REVENUE BLOCK	GRDUM5771	E
DUMMY VARIABLE - GOVERNMENT REVENUE BLOCK	GRDUM61AUT	E
DUMMY VARIABLE - GOVERNMENT REVENUE BLOCK	GRDUM61OFF	E
DUMMY VARIABLE - GOVERNMENT REVENUE BLOCK	GRDUM61ON	E
DUMMY VARIABLE - GOVERNMENT REVENUE BLOCK	GRDUM6567	E
DUMMY VARIABLE - GOVERNMENT REVENUE BLOCK	GRDUM67ON	E
DUMMY VARIABLE - GOVERNMENT REVENUE BLOCK	GRDUM67UI	E
DUMMY VARIABLE - GOVERNMENT REVENUE BLOCK	GRDUM68ON	E
DUMMY VARIABLE - GOVERNMENT REVENUE BLOCK	GRDUM72ON	E
DUMMY VARIABLE - GOVERNMENT REVENUE BLOCK	GRDUM7275	E
DUMMY VARIABLE - GOVERNMENT REVENUE BLOCK	GRDUM73WAF	E
DUMMY VARIABLE - GOVERNMENT REVENUE BLOCK	GRD1TUI72	E
DUMMY VARIABLE - GOVERNMENT REVENUE BLOCK	GRD2TUI72	E
FED GOVT REVENUE - DIRECT TAXES SUCCESSION & ESTATE DUTIES	GRF.DT.PCSES\$	E
FED GOVT REVENUE - INDIRECT TAXES CASOLINE EXCISE TAX	GRF.IT.GASS\$	E
FED GOVT REVENUE - INDIRECT TAXES OIL EXPORT TAX	GRF.IT.OILX\$	E

FED GOVT REVENUE - INDIRECT TAXES OTHER	GRF.IT.OTHS	E
FED GOVT REVENUE - TRANSFERS PERSONS TO GOVERNMENT	GRF.TR.PETFS	E
FED GOVT REVENUE - INST INCOME ROYALTIES	GRF.YI.ROY\$	E
HOSPITAL REVENUE - TRANSFERS PERSONS TO HOSPITALS	GRH.TR.PETH\$	E
LOCAL GOVT REVENUE - TRANSFERS PERSONS TO LOCAL	GRL.TR.PETLS	E
PROV GOVT REVENUE - DIRECT TAXES SUCCESSION & ESTATE DUTIES	GRP.DT.PCVFS	E
PROV GOVT REVENUE - DIRECT TAXES CONTRIBUTION VACATION PAY	GRP.DT.PCVFS	E
PROV GOVT REVENUE - TRANSFERS PERSONAL MISCELLANEOUS	GRP.TR.PEMISS	E
PROV GOVT REVENUE - INVESTMENT INCOME ROYALTIES	GRP.YI.ROY\$	E
CORPORATE TAX RATE FEDERAL CALCULATED AVG	GTF.R.CORP	E
CUSTOM DUTIES IMPLICIT OVERALL RATE	GTF.R.CUSTOM	E
EXCISE DUTY RATE BEER & ALCOHOL COMBINED	GTF.R.DALC	E
EXCISE DUTY RATE ON STANDARD WT CIGARETTES	GTF.R.DCIG	E
MANUF SALES TAX RATE ON CONSUMER GOODS	GTF.R.MSC	E
MANUF SALES TAX RATE ON MACH & EQUIP	GTF.R.MSIM	E
MANUF SALES TAX RATE ON CONST MAT BUILDING SUPPLIES	GTF.R.MSIR	E
EXCISE TAX RATE ON STANDARD WT CIGARETTES	GTF.R.TCIG	E
UIB EARNING LIMIT FOR PARTICIPATION IN UIB	GTF.V.YLIM	E
INDEX OF LIQUOR CONTROL BOARD PROFITS PER UNIT OF CNF20	GTP.I.LIQP	E
CORPORATE TAX RATE PROVINCIAL CALCULATED AVG	GTP.R.CORP	E
WTD PROVINCIAL DIESEL AND GASOLINE TAX RATE	GTP.R.D+GAS	E
HOSPITAL INS & MEDICARE PREM ANNUAL SINGLE PERSON	GTP.R.HMED	E
WEIGHTED AVERAGE MOTOR VEH LICENCE FEE - PROVINCIAL	GTP.R.MVL	E
RETAIL SALES TAX RATE CONS GOODS - PROVINCIAL	GTP.R.RSTC	E
RETAIL SALES TAX RATE MACHINERY - PROVINCIAL	GTP.R.RSTM	E
COMMERCIAL SHARE OF TOTAL VEHICLES LICENCE FEE	GTP.V.SMV	E
CDA PENSION PLAN EMPLOYER / EMPLOYEE CONTRIBUTIONS RATE	GTPC.R.CONT	E
CDA PENSION PLAN RATIO OF CONTR TO CDA & QUE PENSION PLANS	GTPC.V.SCP	E

VARIABLES ENDOGENOUS TO THE GOVERNMENT REVENUE BLOCK (BOTH BEHAVIOURAL & IDENTITIES)

LOCAL GOVT REVENUE - INDIRECT TAXES PROPERTY	GR.L.IT.PROP\$	B
LOCAL GOVT REVENUE - INDIRECT TAXES OTHER	GR.L.IT.OTH\$	B
LOCAL GOVT REVENUE - INDIRECT TAXES	GR.L.IT\$	B
LOCAL GOVT REVENUE - INVEST INCOME REM PROFIT GOV ENT	GR.L.YI.REMS	B
LOCAL GOVT REVENUE - INVEST INCOME INTEREST, TOTAL	GR.L.YI.IPLA\$	B
LOCAL GOVT REVENUE - INVESTMENT INCOME	GR.L.YIS	=
LOCAL GOVT REVENUE - TOTAL	GR.L\$	=
GOVERNMENT SAVING - LOCAL	GSL\$	=
GOVERNMENT DEFICIT - LOCAL	GDL\$	B
PROV GOVT REVENUE - DIRECT TAXES CONT WORKMEN'S COMP	GRP.DT.PCWCS	B
PROV GOVT REV - DIRECT TAXES EMPR & EMP CONT TO GOV PENS	GRP.DT.PCPENS	B
PROV GOVT REV - DIRECT TAXES PERSONAL	GRP.DT.P\$	=
CORPORATE TAXABLE INCOME - NET	GTF.V.PCT	B
PROV GOVT REV - DIRECT TAXES CORPORATIONS	GRP.DT.CORPS	B
PROV GOVT REV - DIRECT TAXES MINING & LOGGING PROFITS	GRP.DT.CMLP\$	B
PROV GOVT REV - DIRECT TAXES CORP & GOVT BUS ENTER	GRP.DT.C\$	=
VEHICLE REGISTRATIONS TOTAL ALL TYPES	C.RTV	B
PROV GOVT REV - INDIRECT TAXES MOTOR VEH LIC	GRP.IT.MV\$	B
PRIVATE & COMM	GRP.IT	B
PROV GOVT REV - INDIRECT TAXES GASOLINE	GRP.IT.GASS\$	B
PROV GOVT REV - INDIRECT TAXES MOTOR VEH LIC	GRP.IT.MVL\$	B
PROV GOVT REV - INDIRECT TAXES RETAIL SALES TAX	GRP.IT.RST\$	B
PROV GOVT REV - INDIRECT TAXES LIQUOR BOARD PROFITS	GRP.IT.LIQP\$	B
PROV GOVT REV - INDIRECT TAXES OTHER	GRP.IT.OTH\$	B
PROV GOVT REV - INDIRECT TAXES	GRP.IT\$	=
PROV GOVT REV - TRANSFERS PERSONAL, HOSPITAL MED INS	GRP.TR.PEHMIS	B
PROV GOVT REV - TRFRS PERS MOTOR VEHICLE REGISTRATIONS	GRP.TR.PEMVR\$	=
PROV GOVT REV - TRANSFERS PERSONS TO PROVINCES	GRP.TR.PETP\$	=
PROV GOVT REV - INVEST INCOME REM PROFIT GOV ENT	GRP.YI.REMS	B
PROV GOVT REV - INVEST INCOME INTEREST TOTAL	GRP.YI.IPLA\$	B
PROV GOVT REV - INVESTMENT INCOME	GRP.YIS	=
PROV GOVT REVENUE - TOTAL	GRP\$	=
GOVERNMENT SAVING PROVINCIAL	GPF\$	B
GOVERNMENT DEFICIT - PROVINCIAL	GDF\$	B
UI FUND - EMPLOYEE PARTICIPATION RATE	GDF.PR.EMUI	B
UIB NUMBER OF EMPLOYED PERSONS COVERED BY UIC	GDF.P.EMPUI	B
FED GOVT REV - DIRECT TAXES CONT UNEMP INSUR	GRF.DT.PCUI\$	B
FED GOVT REV - DIRECT TAXES EMPR & EMPE CONT TO GOVT PENS	GRF.DT.PCPENS	B
FED GOVT REV - DIRECT TAXES PERSONAL	GRF.DT.P\$	=
FED GOVT REV - DIRECT TAXES GOVT BUSINESS ENTERPRISES	GRF.DT.CGOVS	B
FED GOVT REV - DIRECT TAXES CORPORATIONS	GRF.DT.CCRP\$	B
FED GOVT REV - DIRECT TAXES CORP & GOVT BUS ENTERPRISES	GRF.DT.C\$	B
FED GOVT REV - DIRECT TAXES NONRESIDENTS WITHHOLDING TAX	GRF.DT.NRS	B
FED GOVT REV - INDIRECT TAXES CUSTOMS DUTIES	GRF.IT.CUS\$	=
LOCAL GOVT REVENUE - INDIRECT TAXES PROPERTY	GR.L.IT.PROP\$ + GR.L.IT.OTH\$	B
LOCAL GOVT REVENUE - INDIRECT TAXES OTHER	GR.L.IT\$	B
LOCAL GOVT REVENUE - INVEST INCOME REM PROFIT GOV ENT	GR.L.YI.REMS + GR.L.YI.IPLA\$	B
LOCAL GOVT REVENUE - INVEST INCOME INTEREST, TOTAL	GEP.TLOS + GEF.TLOS + GR.L.YIS	=
LOCAL GOVT REVENUE - INVESTMENT INCOME	+ GR.L.TR.PETLS + GR.L.IT\$	=
LOCAL GOVT REVENUE - TOTAL	GR.L\$ - GEL.C\$	=
GOVERNMENT SAVING - LOCAL	GSL\$ + GEL.CGS.CCA\$ - GEL.INV\$	B
GOVERNMENT DEFICIT - LOCAL	GDL\$	B
PROV GOVT REVENUE - DIRECT TAXES CONT WORKMEN'S COMP	GRP.DT.PCWCS + GRP.DT.PCPENS	B
PROV GOVT REV - DIRECT TAXES EMPR & EMP CONT TO GOV PENS	+ GRP.DT.PCSE\$ + GRP.DT.PINC\$	B
PROV GOVT REV - DIRECT TAXES PERSONAL	GRP.DT.P\$	=
CORPORATE TAXABLE INCOME - NET	GTF.V.PCT	B
PROV GOVT REV - DIRECT TAXES CORPORATIONS	GRP.DT.CORPS	B
PROV GOVT REV - DIRECT TAXES MINING & LOGGING PROFITS	GRP.DT.CMLP\$	B
PROV GOVT REV - DIRECT TAXES CORP & GOVT BUS ENTER	GRP.DT.C\$	=
VEHICLE REGISTRATIONS TOTAL ALL TYPES	C.RTV	B
PROV GOVT REV - INDIRECT TAXES MOTOR VEH LIC	GRP.IT.MV\$	B
PRIVATE & COMM	GRP.IT	B
PROV GOVT REV - INDIRECT TAXES GASOLINE	GRP.IT.GASS\$	B
PROV GOVT REV - INDIRECT TAXES MOTOR VEH LIC	GRP.IT.MVL\$	B
PROV GOVT REV - INDIRECT TAXES RETAIL SALES TAX	GRP.IT.RST\$	B
PROV GOVT REV - INDIRECT TAXES LIQUOR BOARD PROFITS	GRP.IT.LIQP\$	B
PROV GOVT REV - INDIRECT TAXES OTHER	GRP.IT.OTH\$	B
PROV GOVT REV - INDIRECT TAXES	GRP.IT\$	=
PROV GOVT REV - TRANSFERS PERSONAL, HOSPITAL MED INS	GRP.TR.PEHMIS	B
PROV GOVT REV - TRFRS PERS MOTOR VEHICLE REGISTRATIONS	GRP.TR.PEMVR\$	=
PROV GOVT REV - TRANSFERS PERSONS TO PROVINCES	GRP.TR.PETP\$	=
PROV GOVT REV - INVEST INCOME REM PROFIT GOV ENT	GRP.YI.REMS	B
PROV GOVT REV - INVEST INCOME INTEREST TOTAL	GRP.YI.IPLA\$	B
PROV GOVT REV - INVESTMENT INCOME	GRP.YIS	=
PROV GOVT REVENUE - TOTAL	GRP\$	=
GOVERNMENT SAVING PROVINCIAL	GPF\$	B
GOVERNMENT DEFICIT - PROVINCIAL	GDF\$	B
UI FUND - EMPLOYEE PARTICIPATION RATE	GDF.PR.EMUI	B
UIB NUMBER OF EMPLOYED PERSONS COVERED BY UIC	GDF.P.EMPUI	B
FED GOVT REV - DIRECT TAXES CONT UNEMP INSUR	GRF.DT.PCUI\$	B
FED GOVT REV - DIRECT TAXES EMPR & EMPE CONT TO GOVT PENS	GRF.DT.PCPENS	B
FED GOVT REV - DIRECT TAXES PERSONAL	GRF.DT.P\$	=
FED GOVT REV - DIRECT TAXES GOVT BUSINESS ENTERPRISES	GRF.DT.CGOVS	B
FED GOVT REV - DIRECT TAXES CORPORATIONS	GRF.DT.CCRP\$	B
FED GOVT REV - DIRECT TAXES CORP & GOVT BUS ENTERPRISES	GRF.DT.C\$	B
FED GOVT REV - DIRECT TAXES NONRESIDENTS WITHHOLDING TAX	GRF.DT.NRS	B
FED GOVT REV - INDIRECT TAXES CUSTOMS DUTIES	GRF.IT.CUS\$	=
LOCAL GOVT REVENUE - INDIRECT TAXES PROPERTY	GR.L.IT.PROP\$ + GR.L.IT.OTH\$	B
LOCAL GOVT REVENUE - INDIRECT TAXES OTHER	GR.L.IT\$	B
LOCAL GOVT REVENUE - INVEST INCOME REM PROFIT GOV ENT	GR.L.YI.REMS + GR.L.YI.IPLA\$	B
LOCAL GOVT REVENUE - INVEST INCOME INTEREST, TOTAL	GEP.TLOS + GEF.TLOS + GR.L.YIS	=
LOCAL GOVT REVENUE - INVESTMENT INCOME	+ GR.L.TR.PETLS + GR.L.IT\$	=
LOCAL GOVT REVENUE - TOTAL	GR.L\$ - GEL.C\$	=
GOVERNMENT SAVING - LOCAL	GSL\$ + GEL.CGS.CCA\$ - GEL.INV\$	B
GOVERNMENT DEFICIT - LOCAL	GDL\$	B
PROV GOVT REVENUE - DIRECT TAXES CONT WORKMEN'S COMP	GRP.DT.PCWCS + GRP.DT.PCPENS	B
PROV GOVT REV - DIRECT TAXES EMPR & EMP CONT TO GOV PENS	+ GRP.DT.PCSE\$ + GRP.DT.PINC\$	B
PROV GOVT REV - DIRECT TAXES PERSONAL	GRP.DT.P\$	=
CORPORATE TAXABLE INCOME - NET	GTF.V.PCT	B
PROV GOVT REV - DIRECT TAXES CORPORATIONS	GRP.DT.CORPS	B
PROV GOVT REV - DIRECT TAXES MINING & LOGGING PROFITS	GRP.DT.CMLP\$	B
PROV GOVT REV - DIRECT TAXES CORP & GOVT BUS ENTER	GRP.DT.C\$	=
VEHICLE REGISTRATIONS TOTAL ALL TYPES	C.RTV	B
PROV GOVT REV - INDIRECT TAXES MOTOR VEH LIC	GRP.IT.MV\$	B
PRIVATE & COMM	GRP.IT	B
PROV GOVT REV - INDIRECT TAXES GASOLINE	GRP.IT.GASS\$	B
PROV GOVT REV - INDIRECT TAXES MOTOR VEH LIC	GRP.IT.MVL\$	B
PROV GOVT REV - INDIRECT TAXES RETAIL SALES TAX	GRP.IT.RST\$	B
PROV GOVT REV - INDIRECT TAXES LIQUOR BOARD PROFITS	GRP.IT.LIQP\$	B
PROV GOVT REV - INDIRECT TAXES OTHER	GRP.IT.OTH\$	B
PROV GOVT REV - INDIRECT TAXES	GRP.IT\$	=
PROV GOVT REV - TRANSFERS PERSONAL, HOSPITAL MED INS	GRP.TR.PEHMIS	B
PROV GOVT REV - TRFRS PERS MOTOR VEHICLE REGISTRATIONS	GRP.TR.PEMVR\$	=
PROV GOVT REV - TRANSFERS PERSONS TO PROVINCES	GRP.TR.PETP\$	=
PROV GOVT REV - INVEST INCOME REM PROFIT GOV ENT	GRP.YI.REMS	B
PROV GOVT REV - INVEST INCOME INTEREST TOTAL	GRP.YI.IPLA\$	B
PROV GOVT REV - INVESTMENT INCOME	GRP.YIS	=
PROV GOVT REVENUE - TOTAL	GRP\$	=
GOVERNMENT SAVING PROVINCIAL	GPF\$	B
GOVERNMENT DEFICIT - PROVINCIAL	GDF\$	B
UI FUND - EMPLOYEE PARTICIPATION RATE	GDF.PR.EMUI	B
UIB NUMBER OF EMPLOYED PERSONS COVERED BY UIC	GDF.P.EMPUI	B
FED GOVT REV - DIRECT TAXES CONT UNEMP INSUR	GRF.DT.PCUI\$	B
FED GOVT REV - DIRECT TAXES EMPR & EMPE CONT TO GOVT PENS	GRF.DT.PCPENS	B
FED GOVT REV - DIRECT TAXES PERSONAL	GRF.DT.P\$	=
FED GOVT REV - DIRECT TAXES GOVT BUSINESS ENTERPRISES	GRF.DT.CGOVS	B
FED GOVT REV - DIRECT TAXES CORPORATIONS	GRF.DT.CCRP\$	B
FED GOVT REV - DIRECT TAXES CORP & GOVT BUS ENTERPRISES	GRF.DT.C\$	B
FED GOVT REV - DIRECT TAXES NONRESIDENTS WITHHOLDING TAX	GRF.DT.NRS	B
FED GOVT REV - INDIRECT TAXES CUSTOMS DUTIES	GRF.IT.CUS\$	=

FED GOVT REV - INDIRECT TAXES ALCOHOL & TOBACCO
MANUF SALES TAX BASE - CONSUMER GOODS

MANUF SALES TAX BASE - ALCOHOL

MANUF SALES TAX BASE - TOBACCO

MANUF SALES TAX BASE - GASOLINE

MANUF SALES TAX BASE - MACHINERY

MANUF SALES TAX BASE - BUILDING MATERIAL

FED GOVT REV - INDIRECT TAXES MANUF. SALES TAX
FED GOVT REV - INDIRECT TAXES

FED GOVT REV - INVST INCOME REM PROFIT GOV ENT
FED GOVT REV - INVST INCOME INTEREST TOTAL
FED GOVT REV - INVESTMENT INCOME
FED GOVT REVENUE - TOTAL

GOVERNMENT SAVING FEDERAL
GOVERNMENT DEFICIT - FEDERAL

HOSPITAL REVENUE - INVESTMENT INCOME
HOSPITAL REVENUE - TOTAL
GOVERNMENT SAVING - HOSPITAL
GOVERNMENT DEFICIT - HOSPITAL
CANADA & QUEBEC PENSION PLAN - CONTRIBUTIONS
CANADA PENSION PLAN REV - CONTRIBUTIONS
CANADA PENSION PLAN REV - INTEREST INCOME
CANADA PENSION PLAN REV - TOTAL
QUEBEC PENSION PLAN REV - CONTRIBUTIONS
QUEBEC PENSION PLAN REV - INTEREST INCOME
QUEBEC PENSION PLAN REV - TOTAL
GOVERNMENT SAVING QUEBEC PENSION PLAN
N.A. ESTIMATE OF RESERVES - QUEBEC PENSION PLAN
GOVT SAVING CANADA PENSION PLAN
N.A. ESTIMATE OF RESERVES - CANADA PENSION PLAN
GOVT REVENUE - INVESTMENT INCOME

GOVT REVENUE - TRANSFERS PERSONS TO GOVT

GOVT REVENUE - INDIRECT TAXES
GOVT REVENUE - INDIRECT TAXES, COMMODITIES
GOVT REVENUE - INDIRECT TAXES, NONCOMMODITIES
GOVT REV - DIRECT TAXES CORP GOVT BUS ENTERPR
GOVT REV - DIRECT TAXES PERSONS
GOVT REV - TOTAL (EXCL INTERGOV TRANSFERS)

GOVERNMENT SAVING

GRF.IT.EX\$
GTF.V.BASEC

GTF.V.BASEA

GTF.V.BASET

GTF.V.BASEG

GTF.V.BASEM

GTF.V.BASEB

GRF.IT.MSALS
GRF.IT\$

GRF.VI.REMS
GRF.VI.IPLAS
GRF.YIS
GRF\$

GSF\$
GDF\$

GRH.YIS
GRH\$
GSH\$
GDH\$

GRPENT.DT\$
GRPENC.DT\$
GRPENC.YIS
GRPENC.DT\$
GRPENC.DT\$
GRPENC.YIS
GRPENQ\$
GSPENQ\$
GSPQ.FUNDS
GSPENC\$
GSPC.FUNDS
GR.YIS

GR.TR.PETG\$

GR.IT\$
XIBTCD\$
XIBTNCDS
GR.DT.C\$
GR.DT.P\$
GR\$
GS\$

B = ((CD\$ + CH\$ + CNH40\$ + CNP20\$ - CHE20\$ -
+ (1 - GRDUM67ON) * CNM40\$ - GRDUM73WAF * (CHC10\$
+ CHC20\$ + CHC30\$) * 1.182158) / ((1 + GTF.R.MSC)
* (1 + GTF.R.RSTC))
= CNF20 * (((PFNCNF20 * 1.182158) / ((1 + GTF.R.MSC)
* (1 + GTF.R.RSTC)) - 0.53678 * (0.44296
* GTF.R.DALC + 0.55704 * GTF.I.LIOP
/ (1 + GTF.R.R.MSC)) / 4.2598) / 0.46322)
= CNF30 * (((PFNCNF30 * 1.182158) / ((1 + GTF.R.MSC)
* (1 + GTF.R.RSTC)) - 0.57723 * (GTF.R.DCIG
+ GTF.R.TCIG / (1 + GTF.R.MSC)) / 9.35714))
/ 0.42277)
= CNT30 * (((PFNCNT30 * 1.182158) / ((1 + GTF.R.MSC)
* (1 + GTF.R.RSTC)) - 0.39315 * (GTF.R.D+GAS
/ 0.18293)) / 0.60685)
= IBNAM\$ / ((1 + GTF.R.MSIN) * (1 + GTF.R.RSTM)
/ 1.0466)
= (IBNAC0\$ + RCINAB\$ - WBCNST) / ((1 + GTF.R.MSTR)
* (1 + GTF.R.RSTC) / 1.17161)

B = GRF.IT.CUSS + GRF.IT.EX\$ + GRF.IT.MSALS
+ GRF.IT.GASS + GRF.IT.OILX\$ + GRF.IT.OTH\$

B = GRF.VI.ROY\$ + GRF.VI.REMS + GRF.VI.IPLAS
= GRF.YIS + GRF.TR.PETFS + GRF.IT\$ + GRF.DT.NRS
+ GRF.DT.C\$ + GRF.DT.P\$
= GRF\$ - GEF.C\$
= GSF\$ + GEF.CCS - GEF.INV.CAPF\$ - INVGVS
+ INVGVS(-1)

B = GEL.THOS + GEP.THOS + GRH.TR.PETH\$ + GRH.YIS
= GRH\$ - GEH.C\$
= GSH\$ + GEH.CCS - GEH.INV\$

B = GRPENT.DT\$ * GTPC.V.SCP

B = GRPENC.YIS + GRPENC.DT\$
= GRPENT.DT\$ * (1 - GTPC.V.SCP)

B = GRPENQ.YIS + GRPENQ.DT\$
= GRPENQ\$ - GEPENQ\$
= GSPQ.FUNDS(-1) + GSPENQ\$
= GRPENQ\$ - GEPENQ\$
= GSPC.FUNDS(-1) + GSPENC\$
= GRH.YIS + GRF.YIS + GRP.YIS + GRL.YIS
+ GRPENQ.YIS + GRPENC.YIS
= GRH.TR.PETH\$ + GRF.TR.PETFS + GRP.TR.PETPS
+ GRL.TR.PETLS
= GRF.IT\$ + GRP.IT\$ + GRL.IT\$

B = GRF.DT.C\$ + GRP.DT.C\$
= GRF.DT.P\$ + GRP.DT.P\$ + GRPENQ.DT\$ + GRPENQ.DT\$
= GR.DT.P\$ + GR.DT.C\$ + GRF.DT.NRS + GR.IT\$
+ GR.TR.PETG\$ + GR.YIS
= GR\$ - GE.C\$

GOVERNMENT DEFICIT

GD\$

= GS\$ + GE.CGS.CCA\$ - GE.INV.CAPE\$ - INVGVS\$
+ INVGVS\$(-1)

Equation No.: 2722

Name: Local Government Revenue -- Indirect Taxes - Property Tax

Mnemonic: GRL.IT.PROP\$

Period: 1955-75

ln(GRL.IT.PROP\$)

= + .109887
(1.50)

+ .163160 ln(GEL.C\$ - GEL.CGS.CCA\$ - GEP.TLO\$)
(2.55)

+ .835283 ln(GRL.IT.PROP\$(-1))
(13.32)

$\bar{R}^2 = .998$

SEE = .024

D.W. = 1.710

Equation No.: 2723

Name: Local Government Revenue -- Indirect Taxes - Other

Mnemonic: GRL.IT.OTH\$

Period: 1955-75

GRL.IT.OTH\$

= + 9.57315
(0.43)

+ .00519501 GNE\$(-1)
(18.34)

$\bar{R}^2 = .976$

SEE = 28.436

D.W. = .589

RHO = .677

Equation No.: 1408

Name: Local Government Revenue -- Investment Income - Remittances
from Government Enterprises

Mnemonic: GRL.YI.REM\$

Period: 1954-75

GRL.YI.REM\$

= - 13.22210
(1.73)

+ 11.21770 GRDUMMY75
(1.34)

+ .0624781 Y.PROFBT.GOVBE\$(-1)
(2.67)

+ .073731 Y.PROFBT.GOVBE\$(-2)
(3.15)

$\bar{R}^2 = .930$

SEE = 9.827

D.W. = .419

RHO = .708

Equation No.: 1461

Name: Local Government Revenue -- Investment Income - Loans and
Public Funds

Mnemonic: GRL.YI.IPLA\$

Period: 1954-75

GRL.YI.IPLA\$

= + 6.82011
(4.27)

+ sum(i=0,4)b(i) (FRATE.PROG.BOND(-i) * GRL\$(-i))

i	b(i)	t(i)
0	+.0000752352	(0.83)
1	+.000276859	(4.38)
2	+.000352128	(3.91)
3	+.000301042	(4.86)
4	+.000123602	(0.84)
sum	+.00112887	(14.53)

(2,5,NONE)

$\bar{R}^2 = .990$

SEE = 2.811

D.W. = 1.081

RHO = .534

Equation No.: 1468

Name: Provincial Government Revenue -- Direct Taxes - Contributions to
Workmen's Compensation

Mnemonic: GRP.DT.PCWC\$

Period: 1950-75

GRP.DT.PCWC\$ / (CPI * (NE - NAGFT1.21+41.7))

= + .011397
(6.87)

+ .0045756 ((WBTOT - WBAGFT1.21+41.7)
(16.15) / (NE - NAGFT1.21+41.7))

$\bar{R}^2 = .961$

SEE = .002

D.W. = .636

RHO = .676

Equation No.: 1469

Name: Provincial Government Revenue -- Direct Taxes - Employer and
Employee Contributions to Government Pensions

Mnemonic: GRP.DT.PCPEN\$

Period: 1955-75

$\ln(\text{GRP.DT.PCPEN\$})$

= - 2.98746
(9.24)

+ 1.01610 $\ln(\text{GEP.CGS.WS\$})$
(22.36)

$\bar{R}^2 = .989$

SEE = .0942

D.W. = .530

RHO = .679

Equation No.: 3020

Name: Corporate Taxable Income Net

Mnemonic: GTF.V.PCT

Period: 1955-75

GTF.V.PCT

= + 215.737
(1.37)

- 751.688 GRDUM6567
(5.71)

+ sum(i=0,4)b(i) Y.PROFBI.CORP\$(-i)

i	b(i)	t(i)
0	+.556228	(11.43)
1	+.254734	(3.44)
2	+.159275	(3.81)
3	+.0601279	(0.59)
4	-.252427	(2.07)
sum	+.777938	(20.85)
	(3,5,NONE)	

$\bar{R}^2 = .997$

SEE = 203.49

D.W. = 2.149

Equation No.: 2724

Name: Provincial Government Revenue -- Direct Taxes - Corporations

Mnemonic: GRP.DT.CCRP\$

Period: 1955-75

GRP.DT.CCRP\$

= + 47.4957
(5.96)

+ .927689 (GTF.V.PCT * GTP.R.CORP)
(116.75)

- 51.2775 GRDUM5556
(3.93)

- 34.8817 GRDUM5761
(3.76)

$\bar{R}^2 = .999$

SEE = 15.081

D.W. = 1.845

Equation No.: 2725

Name: Provincial Government Revenue -- Direct Taxes - Mining and
Logging Profits

Mnemonic: GRP.DT.CMLP\$

Period: 1955-74

GRP.DT.CMLP\$

= - 24.1395
(3.64)

+ .0265938 (XMI\$ + XFSTY31.9\$)
(12.98)

$\bar{R}^2 = .898$

SEE = 14.132

D.W. = 1.713

Equation No.: 2726

Name: Vehicle Registration -- Total - All Types

Mnemonic: C.RTV

Period: 1955-74

C.RTV - C.RPV

= - 71.7706
(1.76)

+ .0101721 XRDP
(2.09)

+ .664171 (C.RTV(-1) - C.RPV(-1))
(3.18)

$\bar{R}^2 = .989$

SEE = 49.633

D.W. = 2.572

Equation No.: 2727

Name: Provincial Government Revenue -- Total Motor Vehicle
Licence Fees

Mnemonic: GRP.IT.MV\$

Period: 1955-75

GRP.IT.MV\$

= + .160076
(0.05)

+ .958354 (GTP.R.MVL * C.RTV)
(89.08)

$\bar{R}^2 = .999$

SEE = 4.782

D.W. = .563

RHO = .495

Equation No.: 2728

Name: Provincial Government Revenue -- Indirect Taxes - Gasoline

Mnemonic: GRP.IT.GAS\$

Period: 1955-75

GRP.IT.GAS\$

= + .517636
(0.02)

+ .973656 (GTP.R.D+GAS * ((CNT30 + CNT30(-1))
(28.42) / 2) * 4.0672)

$\bar{R}^2 = .992$

SEE = 36.680

D.W. = .444

RHO = .746

Equation No.: 2733

Name: Provincial Government Revenue -- Indirect Taxes - Retail
Sales Tax

Mnemonic: GRP.IT.RST\$

Period: 1954-75

GRP.IT.RST\$

= - 114.836
(6.75)

+ 1.42445 (GTP.R.RSTC * (CD\$ + CH\$ + CN\$ + CSP40\$ + CST40\$
(58.95) - CHE20\$ - CNF10\$ - CNR40\$ - CNR50\$ - CNR60\$ -
GRDUM67ON * CNM40\$) / ((1 + GTP.R.RSTC) / 1.0555))

+ 1.04689 (GTP.R.RSTM * IBNAM\$ / ((1 + GTP.R.RSTM) / 1.0466))
(7.30)

+ 82.7341 GRDUM61OFF
(4.09)

$\bar{R}^2 = .999$

SEE = 34.028

D.W. = 2.334

Equation No.: 2734

Name: Provincial Government Revenue -- Indirect Taxes - Liquor
Board Profit

Mnemonic: GRP.IT.LIQP\$

Period: 1955-75

GRP.IT.LIQP\$

= - 42.7620
(4.36)

+ .260378 CNF20\$
(49.11)

$\bar{R}^2 = .997$

SEE = 12.316

D.W. = .826

RHO = .582

Equation No.: 2735

Name: Provincial Government Revenue -- Other Indirect Taxes

Mnemonic: GRP.IT.OTH\$

Period: 1954-75

GRP.IT.OTH\$

= - 63.2788
(7.13)

+ .00737062 GNE\$
(63.94)

$\bar{R}^2 = .995$

SEE = 20.803

D.W. = 1.344

Equation No.: 1476

Name: Provincial Government Revenue -- Transfers Personal - Hospital
Medical Insurance

Mnemonic: GRP.TR.PEHMI\$

Period: 1961-75

GRP.TR.PEHMI\$

= + 17.7409
(1.68)

+ .000639119 (GTP.R.HMED * DTOTLF)
(18.85)

+ 125.799 GRDUM68ON
(5.75)

$\bar{R}^2 = .995$

SEE = 19.472

D.W. = 1.907

Equation No.: 1407

Name: Provincial Government Revenue -- Investment Income - Remittances
from Government Enterprises

Mnemonic: GRP.YI.REM\$

Period: 1954-75

GRP.YI.REM\$

= - 31.70260
(7.73)

+ 194.87100 GRDUMMY75
(12.77)

+ sum(i=0,4)b(i) Y.PROFBT.GOVBE\$(-i)

i	b(i)	t(i)
0	+.00336732	(0.13)
1	+.0371899	(10.22)
2	+.0537644	(4.83)
3	+.0530910	(3.30)
4	+.0351695	(2.84)
sum	+.182583	(12.50)

(2,5,FAR)

$\bar{R}^2 = .984$

SEE = 8.760

D.W. = 1.671

Equation No.: 1480

Name: Provincial Government Revenue -- Investment Income - Loans and
Public Funds

Mnemonic: GRP.YI.IPLA\$

Period: 1954-75

GRP.YI.IPLA\$

= + 32.31230
(8.57)

+ sum(i=0,4)b(i) (FRATE.PROG.BOND(-i) * GRP\$(-i))

i	b(i)	t(i)
0	+.00197608	(11.55)
1	+.00152444	(11.65)
2	+.00122438	(7.02)
3	+.00107591	(8.64)
4	+.00107901	(3.32)

sum +.00687982 (39.68)

(2,5,NONE)

$\bar{R}^2 = .999$

SEE = 12.663

D.W. = 1.588

Equation No.: 1462

Name: Unemployment Insurance Fund -- Employee Participation Rate

Mnemonic: GDF.PR.EMUI

Period: 1956-75

GDF.PR.EMUI

= + .687564
(23.48)

+ .063191 GRDUM67UI
(5.93)

- .0373631 GRDUMMY71
(2.63)

+ .140944 GRDUM72ON
(3.78)

- .101050 ((WBTOT / NE) / GTF.V.YLIM)
(2.41)

$\bar{R}^2 = .988$

SEE = .0123

D.W. = .907

Equation No.: 1486

Name: Federal Government Revenue -- Direct Taxes - Contributions to
Unemployment Insurance

Mnemonic: GRF.DT.PCUI\$

Period: 1956-75

GRF.DT.PCUI\$

= + 87.68080
(5.64)

- .0289626 (GRD1TUI72 * GTF.C.MAXYC * GTF.R.CUIB
(0.48) * GDF.P.EMPUI)

+ .206840 (GRD2TUI72 * GTF.C.MAXYC * GTF.R.CUIB
(4.61) * GDF.P.EMPUI)

+ .525497 (GTF.C.MAXYC * GTF.R.CUIB * GDF.P.EMPUI)
(16.93)

$\bar{R}^2 = .997$

SEE = 26.073

D.W. = 1.487

Equation No.: 1487

Name: Federal Government Revenue -- Direct Taxes - Employer and
Employee Contributions to Government Pensions

Mnemonic: GRF.DT.PCPEN\$

Period: 1956-75

GRF.DT.PCPEN\$

= - 53.88410
(6.43)

+ .192987 (GEF.CGS.NDWS\$ + GEF.CGS.DCWS\$
(63.78) + GEF.CGS.DMP\$)

$\bar{R}^2 = .997$

SEE = 12.763

D.W. = 1.291

RHO = .335

Equation No.: 1403

Name: Federal Government Revenue -- Direct Taxes - Government
Business

Mnemonic: GRF.DT.CGOV\$

Period: 1955-75

GRF.DT.CGOV\$ / Y.PROFBT.GOVBE\$

= - .0237435
(0.72)

+ .0909746 GTF.R.CORP
(0.95)

+ .774435 (GRF.DT.CGOV\$(-1) / Y.PROFBT.GOVBE\$(-1))
(5.40)

\bar{R}^2 = .681

SEE = .0127

D.W. = 1.687

Equation No.: 1491

Name: Federal Government Revenue -- Direct Taxes - Corporations

Mnemonic: GRF.DT.CCRP\$

Period: 1955-75

GRF.DT.CCRP\$ / GTF.V.PCT

= + .992372 (GRDUM5556 * GTF.R.CORP)
(118.38)

+ .963114 (GRDUM5771 * GTF.R.CORP)
(274.20)

+ 1.03778 (GRDUM7275 * GTF.R.CORP)
(128.67)

$\bar{R}^2 = .967$

SEE = .00509

D.W. = 1.678

Equation No.: 1493

Name: Federal Government Revenue -- Direct Taxes - Nonresident
Withholding

Mnemonic: GRF.DT.NR\$

Period: 1954-75

GRF.DT.NR\$

= + 14.5975
(1.86)

+ .0810751 (TMSINCPYW\$ - GRF.DT.NR\$)
(5.86)

+ .0380983 ((TMSINCPYW\$ - GRF.DT.NR\$) * GRDUM61ON)
(3.41)

$\bar{R}^2 = .988$

SEE = 12.963

D.W. = 1.908

Equation No.: 2739

Name: Federal Government Revenue -- Indirect Taxes - Alcohol,
Tobacco, and Excise Duty Tax

Mnemonic: GRF.IT.EX\$

Period: 1954-75

GRF.IT.EX\$

= + 97.9396
(1.90)

+ 1.13390 (.03766 * (GTF.R.TCIG + GTF.R.DCIG) * CNF30)
(6.06)

+ 0.677718 (.02087 * GTF.R.DALC * CNF20)
(4.65)

+ 33.2304 GRDUM61AUT
(1.77)

$\bar{R}^2 = .993$

SEE = 19.681

D.W. = .973

RHO = .568

Equation No.: 2746

Name: Federal Government Revenue -- Indirect Taxes - Sales Tax

Mnemonic: GRF.IT.MSAL\$

Period: 1954-75

GRF.IT.MSAL\$

= + 297.977
(10.05)

+ .632725 ((GTF.V.BASEC + GTF.V.BASEA + GTF.V.BASET
(23.27) + GTF.V.BASEG) * GTF.R.MSC)

+ .275833 (GTF.R.MSIM * GTF.V.BASEM)
(4.22)

+ 1.07200 (GTF.R.MSIR * GTF.V.BASEB)
(15.66)

$\bar{R}^2 = .998$

SEE = 39.589

D.W. = 1.603

Equation No.: 1406

Name: Federal Government Revenue -- Investment Income - Remittances
from Government Corporations

Mnemonic: GRF.YI.REM\$

Period: 1955-75

GRF.YI.REM\$

= - 30.1945
(2.42)

+ .509540 Y.PROFBI.GOVBE\$
(21.13)

$\bar{R}^2 = .957$

SEE = 27.058

D.W. = 1.595

Equation No.: 1497

Name: Federal Government Revenue -- Investment Income - Loans and
Public Funds

Mnemonic: GRF.YI.IPLA\$

Period: 1955-75

GRF.YI.IPLA\$

= - 73.72690
(3.17)

+ 3.18238 (FRATE.GBOND.10Y **2)
(3.24)

+ sum(i=0,5)b(i) (FRATE.GBOND.10Y(-i) * GRF\$(-i))

i	b(i)	t(i)
0	+.000501273	(0.70)
1	+.00198791	(6.51)
2	+.00278669	(10.34)
3	+.00284429	(7.27)
4	+.00210741	(5.95)
5	+.000522724	(0.34)
sum	+.0107503	(13.75)
	(3,6,NONE)	

$\overline{R}^2 = .998$

SEE = 25.425

D.W. = 1.392

Equation No.: 1504

Name: Hospital Revenue -- Investment Income

Mnemonic: GRH.YI\$

Period: 1961-75

GRH.YI\$

= + 1.16115
(3.02)

+ .000187283 (FRATE.PROG.BOND * GRH\$)
(4.65)

+ .159092 GRH.YI\$(-1)
(0.75)

$\bar{R}^2 = .948$

SEE = .680

D.W. = 1.189

Equation No.: 1498

Name: Canada and Quebec Pension Plan Revenue -- Contributions

Mnemonic: GRPENT.DT\$

Period: 1968-75

GRPENT.DT\$ / (DTOTLF * 0.9 * GTPC.R.CONT * GTPC.C.MPE)

= + .722608
(118.75)

+ .193322 (((WBTOT(-1) / NE(-1)) - GTPC.C.MPE(-1))
(7.69) / GTPC.C.MPE(-1))

$\bar{R}^2 = .893$

SEE = .010

D.W. = 2.526

Equation No.: 1509

Name: Canada Pension Plan Revenue -- Interest Income

Mnemonic: GRPENC.YI\$

Period: 1967-75

GRPENC.YI\$

= + 39.28030
(3.72)

+ sum(i=0,4)b(i) (FRATE.GBOND.10Y(-i) * GSPC.FUND\$(-i))

i	b(i)	t(i)
0	+.000450144	(0.54)
1	+.00308602	(6.71)
2	+.00394632	(5.50)
3	+.00303103	(5.23)
4	+.000340160	(0.30)

sum +.0108537 (15.72)

(2,5,NONE)

$\bar{R}^2 = .997$

SEE = 10.944

D.W. = 1.595

Equation No.: 1512

Name: Quebec Pension Plan Revenue -- Interest Income

Mnemonic: GRPENQ.YI\$

Period: 1967-75

GRPENQ.YI\$

= + 11.54440
(5.67)

+ sum(i=0,4)b(i) (FRATE.GBOND.10Y(-i) * GSPQ.FUND\$(-i))

i	b(i)	t(i)
0	+.00255835	(5.61)
1	+.00306028	(12.97)
2	+.00289143	(7.64)
3	+.00205180	(6.50)
4	+.000541375	(0.91)
sum	+.0111032	(29.82)
	(2,5,NONE)	

$\bar{R}^2 = .999$

SEE = 2.030

D.W. = 1.573

Equation No.: 3109

Name: Indirect Business Tax -- Commodities

Mnemonic: XIBTCD\$

Period: 1946-76

XIBTCD\$ - GRF.IT\$ + GRF.IT.OTH\$ - GRP.IT.GAS\$ - GRP.IT.LIQP\$
- GRP.IT.RST\$

= + 20.0779
(1.49)

+ .242651 (GRP.IT.OTH\$ + GRL.IT.OTH\$)
(21.13)

$\bar{R}^2 = .973$

SEE = 21.517

D.W. = .288

RHO = .826

Equation No.: 3110

Name: Indirect Business Tax -- Noncommodities

Mnemonic: XIBTNCD\$

Period: 1946-76

XIBTNCD\$ - GRF.IT.OTH\$ - GRP.IT.MVL\$ - GRL.IT.PROP\$

= - 20.0781
(1.49)

+ .757345 (GRP.IT.OTH\$ + GRL.IT.OTH\$)
(65.97)

$\bar{R}^2 = .997$

SEE = 21.516

D.W. = .288

RHO = .826

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PERSONAL INCOME TAX CALCULATOR

The personal income tax calculator in CANDIDE Model 2.0 simulates Canada's federal and provincial personal income tax system. There are a number of stochastic equations and identities that provide input to the calculator. The calculator performs three important tasks:

- (1) Given indexed tax brackets, quantile information on assessed income and on effective exemptions, the calculator computes the assessed income levels associated with each indexed tax bracket.
- (2) Given quantile information on assessed income, the calculator derives the mean, variance and displacement of the distribution of tax filers by assessed income. This information is used to compute the probability of a tax filer having assessed income between the intervals computed in (1). This probability distribution is combined with the total number of filers to derive the number of tax filers which fall within each assessed income interval.
- (3) Using indexed tax brackets and the assessed income for each tax bracket from (1), taxable income in excess of each indexed tax bracket is derived. Combining this with (2) we derive estimates of the basic federal tax. Given the effective (weighted) provincial tax rate (excluding Quebec) and the federal tax abatement rate, an estimate of provincial (net of Quebec) and federal tax accruals is computed. The computation for Quebec is similar to the procedure as outlined in steps (1), (2) and (3), however for Quebec the brackets are not indexed.

The tax calculator requires among other things the following: (1) the number of tax filers for Canada including Quebec and for Quebec separately, (2) assessed income (from this we derive mean assessed income and assessed income by quantile), (3) personal exemptions including the married exemption, the single exemption, and the upper limit of spouse's income, (4) effective exemptions by quantile, (5) deductions by quantile, (6) marginal tax rates by tax bracket for both Canada and Quebec.

We explain the total number of tax filers as a ratio to total population over the age of 14. Important right hand side variables which influence this are the ratio of female labour force to female population, cyclical variables (the unemployment rate), and the ratio of the single exemption (which is indexed) to average yearly income. As female participation in the labour force increases, the number of tax filers increases; as the single exemption relative to average yearly wage increases, the number of tax filers decreases; and as the unemployment rate increases, the number of tax filers decreases.

We explain the number of tax filers in Quebec as a simple logarithmic function of all tax filers in Canada.

This relationship has unitary elasticity. Assessed income for all tax filers is influenced by the components of personal income. These include dividend income, capital gains income, wage income, income of nonfarm unincorporated business, farm income, personal interest income, and that part of transfer income which is taxable (pension income, unemployment insurance benefits, and old age and guaranteed income security payments). These components are determined elsewhere in CANDIDE Model 2.0 except for capital gains and dividend income. Capital gain is exogenous, however dividend income is influenced by dividends paid to Canadian residents. The dividend tax credit depends upon dividend income and the effective rate associated with the dividend tax credit.

Once assessed income has been determined, mean assessed income is computed by dividing assessed income by the total number of tax filers. The quantile data for the assessed income distribution is derived from three logarithmic relationships which relate the 12.5%, the 50%, and the 97.5% quantiles to mean assessed income. Quantile data for the personal exemptions is derived from three stochastic equations which are influenced by the marriage exemption, the single exemption, and the upper limit of spousal income exemption. The quantile data for

effective exemptions is derived from three logarithmic relationships where the right hand side variables include the personal exemptions and deductions by quantile. Deductions are related to the quantile data on assessed income.

Unlike the above relationships, the tax brackets, the single exemption, and the upper limit of spousal income are indexed by statute. The levels of these exemptions and brackets are determined in the indexation block.

There are a number of variables that are purely exogenous. These include the marginal tax rates by tax brackets for both Canada and Quebec, the federal abatement rate, the standard deduction, the employment expense deduction, the federal surcharge reduction rate, the minimum basic tax reduction associated with the surcharge reduction and the brackets associated with the surcharge reduction. At the provincial level a weighted average of provincial tax rates net of Quebec is also exogenous.

Let us now outline those calculations which the calculator performs. Assessed income for the i th tax

bracket is derived as follows. The difference between the quantile information on assessed income and on effective exemptions provides an estimate of taxable income for tax payers earning the minimum, the 12.5% quantile, the 50% quantile and the 97.5% quantile income. Using values of taxable income by quantile, the effective exemptions by quantile, and the indexed tax brackets, we obtain by linear interpolation an estimate of assessed income for the i th tax bracket.

The mean, variance and displacement of the assessed income distribution of all tax filers is derived from the quantile information associated with assessed income. Given assessed income at the 12.5%, the 50%, and the 97.5% quantiles, we derive the mean, variance and displacement of the assessed income distribution of all tax filers.

From the previous step we know the characteristics of the assessed income distribution of tax filers. Also we have an estimate of the assessed income corresponding to each tax bracket. Using numerical integration techniques, we obtain the percentage of tax filers having assessed income between the assessed income intervals derived in the previous step. The limits of integration are the assessed income intervals associated with tax bracket i and tax bracket $i+1$.

Using the indexed tax brackets and assessed income for the i th tax bracket, we develop an estimate of taxable income in excess of the i th indexed tax bracket. We also develop an estimate of taxable income in excess of the i th tax bracket for Quebec. One of the major differences in this second calculation is that Quebec tax brackets are not indexed by law.

Once we have on hand estimates of taxable income in excess of the i th indexed tax bracket, we use the marginal tax rates, the indexed tax brackets, and the income in excess of the i th tax bracket to compute basic federal tax by tax bracket. Once the basic federal tax by tax bracket is on hand, we apply the surcharge reduction rate to this distribution. In this procedure, we account for both the surcharge reduction rate by own tax bracket, the minimum reduction, and the maximum reduction. We also account for the OAS tax. The OAS tax is applied to taxable income by tax brackets to a maximum.

Using the distribution of tax filers by assessed income and estimates of the number of tax filers we derive totals for: (1) the basic federal tax, (2) the Quebec tax, (3) the surcharge reduction, and (4) the OAS tax. In computing the Quebec tax, we use information on the number of tax filers in Quebec and the Quebec distribution of assessed

income by tax filer, accounting for the years when the Quebec surtax was in effect.

Once the basic federal tax and the Quebec tax are on hand we use a weighted average of provincial tax rates (net of Quebec), the proportion of Quebec tax filers to total tax filers and the basic federal tax to compute provincial personal income tax net of Quebec. Total provincial taxes are obtained by combining Quebec taxes with provincial taxes net of Quebec. Federal taxes are obtained by applying the abatement rate to the basic federal tax, adding the OAS tax and subtracting the surcharge reduction.

The tax calculator produces three series: (1) provincial personal income tax for Quebec, (2) provincial personal income tax net of Quebec, and (3) federal personal income tax. These three series are calculated accruals. They correspond to the data produced by Taxation Statistics. They are used separately as right hand side variables in three stochastic equations where the dependent variables are National Accounts concepts. These equations are run in logarithmic form with unitary elasticities. To account for recent provincial legislation we include the provincial personal tax credit in the regression linking National Accounts (net of Quebec) provincial personal tax to the tax calculator output.

VARIABLES DETERMINED OUTSIDE THE PERSONAL INCOME TAX CALCULATOR BLOCK

FEMALE LABOUR FORCE	- AGE GROUP 14-24	DFLF14+.24
FEMALE LABOUR FORCE	- AGE GROUP 25-44	DFLF25+.44
FEMALE LABOUR FORCE	- AGE GROUP 45+ AND OVER	DFLF45+
FEMALE POPULATION	- AGE GROUP 14-24	DFP014+.24
FEMALE POPULATION	- AGE GROUP 14 AND OVER	DFP014+
FEMALE POPULATION	- AGE GROUP 25-44	DFP025+.44
FEMALE POPULATION	- AGE GROUP 45 AND OVER	DFP045+
FEMALE POPULATION	- AGE GROUP 65 AND OVER	DFP065+
FEMALE POPULATION	- AGE GROUP 14 AND OVER	DMF014+
MALE POPULATION	- AGE GROUP 14 AND OVER	DMF014+
MALE POPULATION	- AGE GROUP 25-44	DMF025+.44
MALE POPULATION	- AGE GROUP 45 AND OVER	DMF045+
MALE POPULATION	- AGE GROUP 65 AND OVER	DMF065+
UNEMPLOYMENT RATE		DURATE
OLD AGE SECURITY PAY RATE OF OAP BEN IN GIS		GDP.P.G.SPART
OLD AGE SECURITY PAY RATE		GDP.P.O.APART
PREFERRED GOVT EXPND - CURRNT GDS & SRVS, DEF MILITARY PAY		GSE.GS.DMP\$
DEFEND GOVT EXPND - TRNSPS TO PRNS, FAMILY, YOUTH ALLOWANCES		GSE.TPE.FAY\$
DEFEND GOVT EXPND - TRNSPS TO PRNS, OLD AGE SECURITY		GSE.TPE.OAS\$
DEFEND GOVT EXPND - TRNSPS TO PRNS, UNEMPLOYMENT INSURANCE		GSE.TPE.UIS\$
QUEBEC PENSION PLAN - BENEFITS PAID		GEMC.N.TPE.BEN\$
QUEBEC PENSION PLAN - BENEFITS PAID		GEMC.MAREY
PERSONAL INCOME TAX - MARKED EXEMPTION		GEMC.MAREY.BEN\$
PERSONAL INCOME TAX - PRICE INDEX		GR.T.INDEX
PERSONAL INCOME TAX - SINGLE EXEMPTION		GR.T.MARUPL
PERSONAL INCOME TAX - SINGLE EXEMPTION CUMULATIVE		GR.T.SINGEX
PERSONAL INCOME TAX - BASIC TAX - 1ST TAXABLE INCOME BRKT		GR.V.YBR01
PERSONAL INCOME TAX - BASIC TAX - 2ND TAXABLE INCOME BRKT		GR.V.YBR02
PERSONAL INCOME TAX - BASIC TAX - 3RD TAXABLE INCOME BRKT		GR.V.YBR03
PERSONAL INCOME TAX - BASIC TAX - 4TH TAXABLE INCOME BRKT		GR.V.YBR04
PERSONAL INCOME TAX - BASIC TAX - 5TH TAXABLE INCOME BRKT		GR.V.YBR05
PERSONAL INCOME TAX - BASIC TAX - 6TH TAXABLE INCOME BRKT		GR.V.YBR06
PERSONAL INCOME TAX - BASIC TAX - 7TH TAXABLE INCOME BRKT		GR.V.YBR07
PERSONAL INCOME TAX - BASIC TAX - 8TH TAXABLE INCOME BRKT		GR.V.YBR08
PERSONAL INCOME TAX - BASIC TAX - 9TH TAXABLE INCOME BRKT		GR.V.YBR09
PERSONAL INCOME TAX - BASIC TAX - 10TH TAXABLE INCOME BRKT		GR.V.YBR10
PERSONAL INCOME TAX - BASIC TAX - 11TH TAXABLE INCOME BRKT		GR.V.YBR11
PERSONAL INCOME TAX - BASIC TAX - 12TH TAXABLE INCOME BRKT		GR.V.YBR12
PERSONAL INCOME TAX - BASIC TAX - 13TH TAXABLE INCOME BRKT		GR.V.YBR13
PERSONAL INCOME TAX - BASIC TAX - 14TH TAXABLE INCOME BRKT		GR.V.YBR14
PERSONAL INCOME TAX - BASIC TAX - 15TH TAXABLE INCOME BRKT		GR.V.YBR15
PERSONAL INCOME TAX - BASIC TAX - 16TH TAXABLE INCOME BRKT		GR.V.YBR16
PERSONAL INCOME TAX - BASIC TAX - 17TH TAXABLE INCOME BRKT		GR.V.YBR17
PERSONAL INCOME TAX - BASIC TAX - 18TH TAXABLE INCOME BRKT		GR.V.YBR18
OLD AGE SECURITY GST ANN RATE MAX SINGLE		GTP.R.G.ISS
OLD EMPLOYMENT - TOTAL EARNINGS		NES
PERSONAL INCOME RECEIPTS - PERSONAL REMITTANCES		PIPERRMS
SERVICE SERVICE DISCREPANCY RE PERSONAL REMITTANCES		TSPERRMADS
EXPORTS EXPORTS		TIME
DUMMY VARIABLE FINAL DEMAND PRICE SECTOR		WBOT
WAGEBILL - TOTAL		V.DIVPCS
ACCREDITED PAID TO CANADIAN RESIDENTS		V.FARM
ACCURED NET INCOME OF FARM OPERATORS FROM FARM PROD		V.INT.PRNS
INTEREST INCOME - PERSONS		V.NFARMIBS
NET INCOME OF NON-FARM UNINCORPORATED BUSINESS		V.NFARMIBS

VARIABLES EXOGENOUS TO THE PERSONAL INCOME TAX CALCULATOR BLOCK

PERS INCOME TAX - ABATEMENT - WGTED AVG ABATEMENT	GR.R.ABAT	E
PERS INCOME TAX - ASSESS RATIO INTEREST & MISC INCOME	GR.R.ASINT	E
PERS INCOME TAX - ASSESS RATIO NON-WAGE INCOME	GR.R.ASNW	E
PERS INCOME TAX - ASSESS RATIO OLD AGE SECURITY	GR.R.ASOAP	E
PERS INCOME TAX - ASSESS RATIO TRANSFER INCOME	GR.R.ASTR	E
PERS INCOME TAX - ASSESS RATIO WAGE INCOME	GR.R.ASM	E
PERS INCOME TAX - DEDUCTIONS/QUANTILE 125 INCOME	GR.R.DED1	E
PERS INCOME TAX - DEDUCTIONS/QUANTILE 500 INCOME	GR.R.DED2	E
PERS INCOME TAX - DEDUCTIONS/QUANTILE 975 INCOME	GR.R.DED3	E
PERS INCOME TAX - DIVIDEND TAX CREDIT - EFF RATE	GR.R.DIV	E
PERS INCOME TAX - DIV TAX CREDIT QUE - FRACTION OF FED RATE	GR.R.DIVQ	E
PERS INCOME TAX - OLD AGE & SOC DEV - MARGINAL TAX RATE	GR.R.OASD	E
SURTAX & HOSP TAX RATE - PROV OF QUE	GR.R.SURQ	E
PERS INCOME TAX - PROV - WGTED AVG PROV TAX RATE	GR.R.TPROV	E
PERS INCOME TAX - BASIC TAX - GROSS UP FACTOR FOR DIVIDENDS	GR.R.YADIVG	E
PERS INCOME TAX - BASIC TAX - MARGINAL	GR.R.YMTB01	E
PERS INCOME TAX - BASIC TAX - 2ND BRKT	GR.R.YMTB02	E
PERS INCOME TAX - BASIC TAX - 3RD BRKT	GR.R.YMTB03	E
PERS INCOME TAX - BASIC TAX - 4TH BRKT	GR.R.YMTB04	E
PERS INCOME TAX - BASIC TAX - 5TH BRKT	GR.R.YMTB05	E
PERS INCOME TAX - BASIC TAX - 6TH BRKT	GR.R.YMTB06	E
PERS INCOME TAX - BASIC TAX - 7TH BRKT	GR.R.YMTB07	E
PERS INCOME TAX - BASIC TAX - 8TH BRKT	GR.R.YMTB08	E
PERS INCOME TAX - BASIC TAX - 9TH BRKT	GR.R.YMTB09	E
PERS INCOME TAX - BASIC TAX - 10TH BRKT	GR.R.YMTB10	E
PERS INCOME TAX - BASIC TAX - 11TH BRKT	GR.R.YMTB11	E
PERS INCOME TAX - BASIC TAX - 12TH BRKT	GR.R.YMTB12	E
PERS INCOME TAX - BASIC TAX - 13TH BRKT	GR.R.YMTB13	E
PERS INCOME TAX - BASIC TAX - 14TH BRKT	GR.R.YMTB14	E
PERS INCOME TAX - BASIC TAX - 15TH BRKT	GR.R.YMTB15	E
PERS INCOME TAX - BASIC TAX - 16TH BRKT	GR.R.YMTB16	E
PERS INCOME TAX - BASIC TAX - 17TH BRKT	GR.R.YMTB17	E
PERS INCOME TAX - BASIC TAX - 18TH BRKT	GR.R.YMTB18	E
PERS INCOME TAX - QUEBEC - TAX - 1ST BRKT	GR.R.YMTQ01	E
PERS INCOME TAX - QUEBEC - TAX - 2ND BRKT	GR.R.YMTQ02	E
PERS INCOME TAX - QUEBEC - TAX - 3RD BRKT	GR.R.YMTQ03	E
PERS INCOME TAX - QUEBEC - TAX - 4TH BRKT	GR.R.YMTQ04	E
PERS INCOME TAX - QUEBEC - TAX - 5TH BRKT	GR.R.YMTQ05	E
PERS INCOME TAX - QUEBEC - TAX - 6TH BRKT	GR.R.YMTQ06	E
PERS INCOME TAX - QUEBEC - TAX - 7TH BRKT	GR.R.YMTQ07	E
PERS INCOME TAX - QUEBEC - TAX - 8TH BRKT	GR.R.YMTQ08	E
PERS INCOME TAX - QUEBEC - TAX - 9TH BRKT	GR.R.YMTQ09	E
PERS INCOME TAX - QUEBEC - TAX - 10TH BRKT	GR.R.YMTQ10	E
PERS INCOME TAX - QUEBEC - TAX - 11TH BRKT	GR.R.YMTQ11	E
PERS INCOME TAX - QUEBEC - TAX - 12TH BRKT	GR.R.YMTQ12	E
PERS INCOME TAX - QUEBEC - TAX - 13TH BRKT	GR.R.YMTQ13	E
PERS INCOME TAX - QUEBEC - TAX - 14TH BRKT	GR.R.YMTQ14	E
PERS INCOME TAX - QUEBEC - TAX - 15TH BRKT	GR.R.YMTQ15	E
PERS INCOME TAX - QUEBEC - TAX - 16TH BRKT	GR.R.YMTQ16	E
PERS INCOME TAX - QUEBEC - TAX - 17TH BRKT	GR.R.YMTQ17	E
PERS INCOME TAX - QUEBEC - TAX - 18TH BRKT	GR.R.YMTQ18	E
INC TAX-SURTAX & RED-MARG RATE APPL TO BASIC TAX INT 1	GR.R.YRED1	E
PERS INC TAX-SURTAX & RED-MARG RATE APPL TO BASIC TAX INT 2	GR.R.YRED2	E

PERS INC TAX-SURTAX & RED-MARG RATE APPL TO BASIC TAX	INT 3	GR.R.YRED3	E
PERS INC TAX-SURTAX & RED-MARG RATE APPL TO BASIC TAX	INT 4	GR.R.YRED4	E
DEDUCTION - EMPLOYMENT EXPENSE		GR.T.EMPEX	E
PERS INCOME TAX - SURTAX RED - MIN BASIC TAX RED		GR.T.REDMIN	E
PERS INCOME TAX - STANDARD DEDUCTION		GR.T.STAND	E
PERS INCOME TAX - REPORTED CAP GAINS		GR.T.YGAIN\$	E
NUMBER OF BRACKETS		GR.V.N	E
PERS INCOME TAX - OLD AGE & SOC DEV-ASSESSED INCOME	BRKT	GR.V.OASDBR	E
PERS INCOME TAX - SURTAX & RED - 1ST BASIC TAX	BRKT	GR.V.YBRED1	E
PERS INCOME TAX - SURTAX & RED - 2ND BASIC TAX	BRKT	GR.V.YBRED2	E
PERS INCOME TAX - SURTAX & RED - 3RD BASIC TAX	BRKT	GR.V.YBRED3	E
PERS INCOME TAX - SURTAX & RED - 4TH BASIC TAX	BRKT	GR.V.YBRED4	E
DUMMY VARIABLE - GOVT REVENUE (INCOME TAX) BLOCK		GRD7273ON	E
PROV GOVT REVENUE - DIRECT TAXES - PERS TAX CREDITS		GRP.DT.PRTC\$	E
DUMMY VARIABLE - GOVT REVENUE (TAX) BLOCK		GRTD6061	E
DUMMY VARIABLE - GOVT REVENUE (TAX) BLOCK		GRTD61	E
DUMMY VARIABLE - GOVT REVENUE (TAX) BLOCK		GRTD62OFF	E
DUMMY VARIABLE - GOVT REVENUE (TAX) BLOCK		GRTD68ON	E
DUMMY VARIABLE - GOVT REVENUE (TAX) BLOCK		GRTD72	E
DUMMY VARIABLE - GOVT REVENUE (TAX) BLOCK		GRTD72ON	E
DUMMY VARIABLE - GOVT REVENUE (TAX) BLOCK		GRTD74	E
DUMMY VARIABLE - GOVT REVENUE (TAX) BLOCK		GRTD74ON	E

VARIABLES ENDOGENOUS TO THE PERSONAL INCOME TAX CALCULATOR BLOCK (BOTH BEHAVIOURAL & IDENTITIES)

PERS INCOME TAX - NUMBER OF TAX RETURNS FILED	GR.T.NFIL	B
PERS INCOME TAX - QUEBEC - NO OF TAXFILERS IN QUE	GR.T.NFILO	B
PERS INCOME TAX - TOTAL INCOME ASSESSED, ALL RETURNS	GR.T.YASS	B
MEAN ASSESSED INCOME - ALL TAX FILERS	GR.T.MEYS	= GR.T.YASS / GR.T.NFIL
DIVIDED INCOME CLAIMED - ALL TAX FILERS	GR.T.DIVS	B
PERS INCOME TAX DIVIDEND TAX CREDIT, ALL RETURNS	GR.T.DIVC	B
DIVIDEND TAX CREDIT - QUEBEC	GR.T.DIVQ	= GR.R.DIVQ * GR.T.DIVC * GR.T.NFILO / GR.T.NFIL
QUANTILE 125 - ALL TAX FILERS - ASSESSED INCOME DIST	GR.T.Q125	B
QUANTILE 500 - ALL TAX FILERS - ASSESSED INCOME DIST	GR.T.Q500	B
QUANTILE 975 - ALL TAX FILERS - ASSESSED INCOME DIST	GR.T.Q975	B
PERS EXEMPTIONS - ALL TAX FILERS - MINIMUM	GR.T.PEX0	= GR.T.SINGEX
PERS EXEMPTIONS - ALL TAX FILERS - AVG AT QUANTILE 125	GR.T.PEX1	B
PERS EXEMPTIONS - ALL TAX FILERS - AVG AT QUANTILE 500	GR.T.PEX2	B
PERS EXEMPTIONS - ALL TAX FILERS - AVG AT QUANTILE 975	GR.T.PEX3	B
DEDUCTIONS - ALL TAX FILERS - MINIMUM	GR.T.DED0	= GR.T.STAND + GR.T.EMPEX
DEDUCTIONS - ALL TAX FILERS - AVG AT QUANTILE 125	GR.T.DED1	= GR.R.DED1 * GR.T.Q125
DEDUCTIONS - ALL TAX FILERS - AVG AT QUANTILE 500	GR.T.DED2	= GR.R.DED2 * GR.T.Q500
DEDUCTIONS - ALL TAX FILERS - AVG AT QUANTILE 975	GR.T.DED3	= GR.R.DED3 * GR.T.Q975
EFFECTIVE EXEMPTIONS - ALL TAX FILERS - MINIMUM	GR.T.TEF0	B
EFF EXEMPTIONS - ALL TAX FILERS - AVG AT QUANTILE 125	GR.T.TEF1	B
EFF EXEMPTIONS - ALL TAX FILERS - AVG AT QUANTILE 500	GR.T.TEF2	B
EFF EXEMPTIONS - ALL TAX FILERS - AVG AT QUANTILE 975	GR.T.TEF3	B

CALL FNDYB

EFF EXEMPTIONS, MINIMUM & BY QUANTILE
 ASSESSED INCOME BY QUANTILE
 TAX BRACKETS
 ASSESSED INCOME FOR TAX BRACKET I
 NUMBER OF TAX BRACKETS

TE(4)
 YD(4)
 BR(GR.V.N)
 U(GR.V.N)
 KK(1)
 B GR.T.TEFI
 B GR.T.TEF0,GR.T.QI
 B GR.V.YBRI
 I GR.V.YBRI
 E GR.V.N
 I=0,3
 I=125,500,975
 I=01,GR.V.N
 I=01,GR.V.N [TO:PROB,MYE,QUEBEC]

CALL PARM

ASSESSED INCOME TO QUANTILE
 STANDARD DEV, MEAN, DISPLACEMENT FOR
 DISTRIBUTION OF TAX FILERS BY ASSESSED INCOME

QD(3)
 PM(3)
 B GR.T.QI
 =
 I=125,500,975
 [TO:PROB,QUEBEC]

CALL PROB

STANDARD DEV. MEAN, DISPLACEMENT FOR
 DIST OF TAX FILERS BY ASSESSED INCOME
 ASSESSED INCOME FOR TAX BRACKET I
 NUMBER OF TAX BRACKETS
 PROBABILITY OF HAVING ASSESSED INCOME
 IN INTERVAL [U(I),U(I+1)]
 ASSESSED INCOME FOR QUANTILE .975

PM(3)
 U(GR.V.N)
 KK(1)
 FF(GR.V.N)
 YD(4) (4)
 =
 I GR.V.YASBRI
 E GR.V.N
 =
 [FROM:PARM]
 I=01, GR.V.N [FROM:FNDYB]
 [TO:QUEBEC,TOTALS]
 B GR.T.Q975

CALL MYE

ASSESSED INCOME FOR TAX BRACKET I
 NUMBER OF TAX BRACKETS
 TAX BRACKETS
 GEOMETRIC MEAN [(U(I)-BR(I)), (U(I+1)-BR(I+1))]
 GEOMETRIC MEAN [U(I),U(I+1)]
 TAXABLE INCOME IN EXCESS OF TAX BRACKET I

U(GR.V.N)
 KK(1)
 BR(GR.V.N)
 G(GR.V.N)
 GG(GR.V.N)
 AD(GR.V.N)
 I GR.V.YASBRI
 E GR.V.N
 E GR.V.YBRI
 =
 =
 =
 =
 I=01, GR.V.N [FROM:FNDYB]
 I=01, GR.V.N
 [TO:QUEBEC]
 [TO:QUEBEC]
 [TO:QUEBEC,BASTAX,OASTAX]

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GEOMETRIC MEAN [U(I),U(I+1)]
TAX BRACKETS
PROBABILITY OF HAVING ASSESSED INCOME
IN INTERVAL [U(I),U(I+1)]
GEOMETRIC MEAN [(U(I)-BR(I)), (U(I+1)-BR(I+1))]
ASSESSED INCOME FOR TAX BRACKET I
U(GR.V.N)
TAXABLE INCOME IN EXCESS OF TAX BRACKET I
AD(GR.V.N)
NUMBER OF BRACKETS
INDEXATION SERIES
V(I)
ASSESSED INCOME BY QUANTILE
YD(4)
ASSESSED INCOME FOR TAX BRACKET I - QUEBEC
YQ(GR.V.N)
GEOMETRIC MEAN[YQ(I)-YQ(I+1)]
TAX BRACKETS - QUEBEC
GGQ(GR.V.N)
PROBABILITY OF HAVING ASSESSED INCOME
IN INTERVAL [YQ(I)-YQ(I+1)]
BQ(GR.V.N)
GEOMETRIC MEAN [(YQ(I)-BRO(I)), (YQ(I+1)-BRO(I+1))]
FFQ(GR.V.N)
TAXABLE INCOME IN EXCESS OF BRACKET I
GO(GR.V.N)
TREND
I(1)
STANDARD DEV MEAN, DISPLACEMENT FOR
PM(3)
DIST OF TAX FILERS BY ASSESSED INCOME

```

CALL BASTAX

MARGINAL TAX RATE FOR ITH BRACKET
TAX BRACKETS
TAXABLE INCOME IN EXCESS OF TAX BRACKET I
NUMBER OF BRACKETS
BRACKET POINT TAX + EXCESS
BRACKET POINT TAX

MT (GR.V.N)
BR (GR.V.N)
AD (GR.V.N)
KK (1)
TB (GR.V.N)
T (GR.V.N)

E GR.R.YMTBI
B GR.V.YBRI
E GR.V.N
=
=
[TO: SURTAX, TOTALS]
[TO: SURTAX]

I=01, GR.V.N
I=01, GR.V.N
[FROM: MYE]

CALL SURTAX

BRACKET POINT TAX
TAX BRACKET - SURTAX
MARGINAL RATE - SURTAX
BRACKET POINT TAX + EXCESS
MINIMUM BASIC TAX - SURTAX
TAX REDUCTION OR INCREASE AT BASIC
TAX BRACKET POINT (T)
TAX REDUCTION OR INCREASE IN BASIC
TAX BRACKET POINT (TB)
MARGINAL RATE SURTAX ON BASIC
TAX INTERVALS
NUMBER OF BRACKETS

T (GR.V.N)
TZ (4)
TX (4)
TB (GR.V.N)
TMIN (1)
TT (GR.V.N)

E GR.V.YBREDI
E GR.R.YREDI
=
E GR.T.REDMIN
=
=
[TO: TOTALS]
=
E GR.V.N

[FROM: BASTAX]
I=1, 4
I=1, 4
[FROM: BASTAX]

CALL OASTAX

TREND
NUMBER OF BRACKETS
MARGINAL TAX RATE - OLD AGE SECURITY
ASSESSED INCOME BRACKET - OLD AGE SECURITY
TAX BRACKETS
TAXABLE INCOME IN ACCESS OF BRACKET I
OASD TAX AT BRACKET POINT I (INCLUDING EXCESS)
OASD TAX AT BRACKET POINT I

I (1)
KK (1)
OAT (1)
YNOA (1)
BR (GR.V.N)
AD (GR.V.N)
OASD (GR.V.N)
VP (GR.V.N)

= TIME - 59
E GR.V.N
E GR.R.OASD
E GR.V.OASD
B GR.V.YBRI
=
=
I=01, GR.V.N
[FROM: MYE]
[TO: TOTALS]
=

CALL BASTAX

MARGINAL TAX RATE FOR 1TH BRACKET (QUEBEC)			
TAX BRACKET (QUEBEC)			
TAXABLE INCOME IN EXCESS OF TAX BRACKET I			
(QUEBEC)			
BRACKET POINT TAX + EXCESS			
BRACKET POINT TAX			
NUMBER OF BRACKETS			

CALL TOTALS

DIVIDEND TAX CREDIT - QUEBEC				
DIVIDEND TAX CREDIT - CANADA				
NUMBER OF FILERS				
PROBABILITY OF HAVING ASSESSED INCOME				
IN INTERVAL [U(1),U(1+1)]				
OASD TAX AT BRACKET POINT I (INCLUDING EXCESS)				
TAX REDUCTION OR INCREASE IN BASIC TAX BRACKET				
POINT (TB)				
TOTAL BASIC TAX ACCRUED BRACKET I				
BRACKET POINT TAX + EXCESS				
NUMBER OF FILERS QUEBEC				
NUMBER OF BRACKETS				
PROBABILITY OF HAVING ASSESSED INCOME IN				
INTERVAL [U(1),U(1+1)]				
BRACKET POINT TAX + EXCESS				
SURTAX & HOSPITAL TAX RATE QUEBEC				
PROVINCIAL TAX RATE, WEIGHTED AVERAGE - NET				
OF QUEBEC				
TAX ABATEMENT RATE				
DISTRIBUTION OF TAX FILERS BY ASSESSED INCOME				
TOTAL OASD TAX ACCRUED BRACKET I				
TOTAL SURTAX REDUCTION ACCRUED BRACKET I				
BRACKET SUMMATION OASD TAX				
BRACKET SUMMATION SURTAX REDUCTION				
BRACKET SUMMATION BASIC TAX				
TOTAL QUEBEC TAX ACCRUED BRACKET I				
TREND				
QUEBEC TAX				
PROVINCIAL TAX NET OF QUEBEC				
PROVINCIAL TAX				
FEDERAL TAX				
FEDERAL & PROVINCIAL TAX				
PROVINCIAL GOVT REVENUE, DIRECT TAX				
PERSONAL NET OF QUEBEC				
PROVINCIAL GOVT REVENUE, DIRECT TAX				
PERSONAL, QUEBEC				
FEDERAL GOVT REVENUE, DIRECT TAX PERSONAL				

MTQ(GR.V.N)	E GR.R.VMTQI	I=01, GR.V.N
BRQ(GR.V.N)	=	[FROM:QUEBEC]
ADQ(GR.V.N)	=	[FROM:QUEBEC]
TBQ(GR.V.N)	=	[TO:TOTALS]
TQ(GR.V.N)	=	
KK(1)	E GR.V.N	

DIVQ(1)	I GR.T.DIVQ	
DIV(1)	B GR.T.DIVC	
NF(1)	B GR.T.NFIL	
FF(GR.V.N)	=	[FROM:PROB]
OASD(GR.V.N)	=	[FROM:OASTAX]
TR(GR.V.N)	=	[FROM:SURTAX]
BAS(GR.V.N)	=	[FROM:BASTAX]
TB(GR.V.N)	B GR.T.NFILQ	
TNQ(1)	E GR.V.N	
KK(1)	=	[FROM:QUEBEC]
FFQ(GR.V.N)	=	[FROM:BASTAX]
TBQ(GR.V.N)	E GR.R.SURQ	
CNT(1)		
TPROV(1)	E GR.R.TPROV	
ABAT(1)	E GR.R.ABAT	
TNF(GR.V.N)	=	
TV(GR.V.N)	=	
TXF(GR.V.N)	=	
SD(1)	=	
SR(1)	=	
TBASE(1)	=	
TQF(GR.V.N)	=	
I(1)	=	TIME - 59
TBAOE(1)	=	GR.T.PROVQ
SPR(1)	=	GR.T.PROV
PROV(1)	=	
FED(1)	=	GR.T.FED
TOT(1)	=	
GRP.DT.PROV\$	B	
GRP.DT.PROVQ\$	B	
GRP.DT.PINC\$	B	

PROV GOVT REVENUE, DIRECT TAXES PERSONAL INCOME
GOVT REVENUE, DIRECT TAXES PERSONAL INCOME
PROV GOVT REVENUE, DIRECT TAXES RATE
GOVT REVENUE, DIRECT TAXES RATE

GRP.DT.PINC\$
GR.DT.PINC\$
GRP.DT.PINC\$ / GR.DT.PINC\$
GR.DT.PINC\$ / PYS

= GRP.DT.PROV\$ + GRP.DT.PROVQ\$
= GRP.DT.PINC\$ + GRP.DT.PINC\$
= GRP.DT.PINC\$ / GR.DT.PINC\$
= GR.DT.PINC\$ / PYS

Equation No.: 3114

Name: Total Number -- All Tax Filers

Mnemonic: GR.T.NFIL

Period: 1956-75

GR.T.NFIL / (DMPOP14+ + DFPOP14+)

= + .486876
(3.77)

+ .644376 ((DFLF14.24 + DFLF25.44 + DFLF45+) / DFPOP14+)
(2.48)

- .525699 (GR.T.SINGEX / (WBTOT / NE))
(2.62)

+ .0663468 GRTD72ON
(4.65)

+ .0104230 GRTD62OFF
(1.70)

- .0047935 DURATE
(3.42)

$\bar{R}^2 = .978$ SEE = .01198 D.W. = .185 RHO = .852

Equation No.: 3115

Name: Total Number of All Tax Filers -- Quebec

Mnemonic: GR.T.NFILQ

Period: 1960-75

$\ln(\text{GR.T.NFILQ})$

= - .901007
(3.58)

+ .947141 $\ln(\text{GR.T.NFIL})$
(34.00)

$\bar{R}^2 = .993$ $\text{SEE} = .02032$ $\text{D.W.} = .182$ $\text{RHO} = .802$

Equation No.: 3116

Name: Assessed Income -- All Tax Filers

Mnemonic: GR.T.YAS\$

Period: 1956-75

GR.T.YAS\$

= GR.T.DIV\$ + GR.T.YGAIN\$
+ GR.R.ASW * ((WBTOT - (1 - GRD72ON)) * GEF.CGS.DMP\$)
+ GR.R.ASNW * (Y.NFARMUIB\$ + Y.FARM\$)
+ GR.R.ASINT * (Y.INT.PRSN\$ + TESPERRMW\$ - TESPERRMWADJ\$)
+ GR.R.ASTR * (GEPENC.TPE.BEN\$ + GEPENQ.TPE.BEN\$
+ GRD72ON * GEF.TPE.UIB\$ + GRD74ON * GEF.TPE.FAYA\$)
+ GR.R.ASOAP * (GEF.TPE.OAS\$ - GRD68ON * (35.4939 + .78945
* GDF.P.OAPART * (DMPOP65+ + DFPOP65+) * GDF.P.GISPART
* GTF.R.GISS))

Equation No.: 3118

Name: Dividend Income Claimed -- All Tax Filers

Mnemonic: GR.T.DIV\$

Period: 1956-75

$\ln(\text{GR.T.DIV\$})$

= - .292528
(0.68)

- .682248 GRD7273ON
(5.22)

+ .993464 $\ln(\text{GR.R.YADIVG} * \text{Y.DIVPCR\$})$
(14.85)

$\bar{R}^2 = .966$

SEE = .0946

D.W. = 1.645

Equation No.: 3120

Name: Dividend Tax Credit -- All Tax Filers

Mnemonic: GR.T.DIVC

Period: 1960-75

GR.T.DIVC

= - 2.59104
(0.43)

- .946259 (GR.R.DIV * GR.T.DIV\$)
(28.12)

$\bar{R}^2 = .990$ SEE = 6.2223 D.W. = .392 RHO = .778

Equation No.: 3125

Name: Quantile .125 -- All Tax Filers -- Assessed Income Distribution

Mnemonic: GR.T.Q125

Period: 1960-75

$\ln(\text{GR.T.Q125})$

= - 1.23142
(8.90)

+ .794722 $\ln(\text{GR.T.MEY\$})$
(9.44)

$\bar{R}^2 = .855$

SEE = .097

D.W. = 2.163

Equation No.: 3126

Name: Quantile .500 -- All Tax Filers -- Assessed Income Distribution

Mnemonic: GR.T.Q500

Period: 1960-75

$\ln(\text{GR.T.Q500})$

= - .0361951
(2.47)

+ .898677 $\ln(\text{GR.T.MEY\$})$
(100.71)

$\bar{R}^2 = .999$

SEE = .010286

D.W. = 1.152

Equation No.: 3127

Name: Quantile .975 -- All Tax Filers -- Assessed Income Distribution

Mnemonic: GR.T.Q975

Period: 1960-75

ln(GR.T.Q975)

= + .962881
(12.86)

+ 1.02763 ln(GR.T.MEY\$)
(22.82)

$\bar{R}^2 = .986$ SEE = .03814 D.W. = .918 RHO = .473

Equation No.: 3130

Name: Personal Exemptions -- All Tax Filers -- Average at
Quantile .125

Mnemonic: GR.T.PEX1

Period: 1960-75

ln(GR.T.PEX1)

= + .864382
(9.78)

+ .385863
(4.15)

ln((GR.T.MAREX - GR.T.SINGEX)
* (GR.T.MARUPL / GR.T.Q125))

+ .718742
(10.78)

ln((GR.T.MAREX - GR.T.SINGEX)
* ((DFLF14.24 + DFLF25.44 + DFLF45+)
/ (DFPOP14.24 + DFPOP25.44 + DFPOP45+)))

- .0152400
(0.29)

GRTD6061

$\bar{R}^2 = .961$

SEE = .050

D.W. = 2.139

Equation No.: 3131

Name: Personal Exemptions -- All Tax Filers -- Average at
Quantile .500

Mnemonic: GR.T.PEX2

Period: 1960-75

ln(GR.T.PEX2)

= + 1.46550
(50.32)

+ .610122 ln((GR.T.MAREX - GR.T.SINGEX)
(18.31) * (GR.T.MARUPL / GR.T.Q500))

+ .266371 ln((GR.T.MAREX - GR.T.SINGEX)
(12.78) * ((DFLF14.24 + DFLF25.44 + DFLF45+)
/ (DFPOP14.24 + DFPOP25.44 + DFPOP45+)))

- .0330403 GRTD6061
(1.95)

$\bar{R}^2 = .986$

SEE = .018

D.W. = 1.701

Equation No.: 3132

Name: Personal Exemptions -- All Tax Filers -- Average at
Quantile .975

Mnemonic: GR.T.PEX3

Period: 1960-75

ln(GR.T.PEX3)

= + 2.07571
(30.13)

+ .329522 ln((GR.T.MAREX - GR.T.SINGEX)
(9.80) * (GR.T.MARUPL / GR.T.Q975))

+ .405515 ln((GR.T.MAREX - GR.T.SINGEX)
(15.87) * ((DFLF14.24 + DFLF25.44 + DFLF45+)
/ (DFPOP14.24 + DFPOP25.44 + DFPOP45+)))

- .044666 GRTD6061
(2.71)

$\bar{R}^2 = .985$ SEE = .018 D.W. = 0.891 RHO = .505

Equation No.: 3137

Name: Effective Exemptions -- All Tax Filers -- Minimum

Mnemonic: GR.T.TEF0

Period: 1960-75

$\ln(\text{GR.T.TEF0})$

= - .631310
(309.81)

+ .109995 $\ln(\text{GR.T.PEX0} + \text{GR.T.DED0})$
(17.63)

$\bar{R}^2 = .968$ $\text{SEE} = .0062$ $\text{D.W.} = .635$ $\text{RHO} = -.262$

Equation No.: 3138

Name: Effective Exemptions -- All Tax Filers -- Average at 1st Quantile

Mnemonic: GR.T.TEF1

Period: 1960-75

$\ln(\text{GR.T.TEF1})$

= - .255131
(3.72)

+ .836787 $\ln(\text{GR.T.PEX1} + \text{GR.T.DED1})$
(5.93)

- .289289 GR TD61
(3.15)

- .238652 GR TD72
(2.51)

$\bar{R}^2 = .852$ $\text{SEE} = .10106$ $\text{D.W.} = 1.387$ $\text{RHO} = .394$

Equation No.: 3139

Name: Effective Exemptions -- All Tax Filers -- Average at 2nd Quantile

Mnemonic: GR.T.TEF2

Period: 1960-75

$\ln(\text{GR.T.TEF2})$

= + .437192
(21.89)

+ .166800 $\ln(\text{GR.T.DED2})$
(22.77)

+ .862507 $\ln(\text{GR.T.PEX2})$
(41.36)

$\bar{R}^2 = .999$ $\text{SEE} = .006654$ $\text{D.W.} = 1.028$ $\text{RHO} = .476$

Equation No.: 3140

Name: Effective Exemptions -- All Tax Filers -- Average at 3rd Quantile

Mnemonic: GR.T.TEF3

Period: 1960-75

$\ln(\text{GR.T.TEF3})$

= + .587571
(13.64)

+ .304744 $\ln(\text{GR.T.DED3})$
(17.07)

+ .758226 $\ln(\text{GR.T.PEX3})$
(17.03)

$\bar{R}^2 = .994$

SEE = .021

D.W. = .229

RHO = .834

Equation No.: 3275

Name: Provincial Government Revenue -- Direct Taxes Net of Quebec --
Personal Income Tax

Mnemonic: GRP.DT.PROV\$

Period: 1962-75

$\ln(\text{GRP.DT.PROV\$} + \text{GRP.DT.PRTC\$})$

= - .0717068
(0.65)

+ 1.00996 $\ln(\text{GR.T.PROV})$
(63.71)

$\bar{R}^2 = .997$

SEE = .0508

D.W. = 1.177

Equation No.: 3274

Name: Provincial Government Revenue -- Direct Taxes Quebec --
Personal Income Tax

Mnemonic: GRP.DT.PROVQ\$

Period: 1960-75

$\ln(\text{GRP.DT.PROVQ\$})$

= - .565071
(3.47)

+ 1.09657 $\ln(\text{GR.T.PROVQ})$
(41.83)

$\bar{R}^2 = .991$

SEE = .11769

D.W. = 2.330

Equation No.: 1489

Name: Federal Government Revenue -- Direct Taxes -- Personal Income Tax

Mnemonic: GRF.DT.PINC\$

Period: 1960-75

ln(GRF.DT.PINC\$)

= - .060684
(0.58)

+ 1.01007 ln(GR.T.FED)
(79.76)

+ .0799223 GRTD74
(2.46)

$\bar{R}^2 = .998$

SEE = .0293

D.W. = 1.928

ANOTHER PLASTITAB PRODUCT BY LOWE-MARTIN COMPANY INC

PERSONAL DISPOSABLE INCOME

The elements associated with personal disposable income are determined in various parts of the system. Personal disposable income can be derived in several different ways. One can view personal income as all wage, interest, transfer, farm and unincorporated nonfarm business income accruing to the personal sector. One can also begin with the definition of net national income. Here all factor payments are included whether they end up in the personal sector or elsewhere. By adding to net national income nonfactor payments made to the personal sector, and subtracting from it factor payments which do not make their way to the personal sector, an estimate of personal income is obtained. This is the route taken in CANDIDE Model 2.0.

The major items which influence personal income include wage income, government transfer payments, interest income, dividend income, income from nonfarm unincorporated business, and farm income. Personal disposable income is derived as personal income minus personal direct taxes and transfer payments from persons to governments. There are no behavioural equations in this block. All of the elements which feed to the four identities of this block are determined elsewhere.

It is important to identify the various factors which influence personal income.

Wagebill is the sum of industry specific wage-bills, which are derived from a series of identities (industry specific wage rates times industry specific manhours). Manhours are renormalized production functions or labour demand functions. They depend upon output, capital stock or output and the real wage. Output is sensitive to the demand side of the model through the input-output route. Wage rates are sensitive to price expectations and labour market tightness. Transfer payments in the system are generated by level of government. They are rate-base calculations where the rates have been indexed and the bases are demographic in nature. The remaining items (income of unincorporated business, farm income, and interest and dividend income) are determined in the profit block of the model which is yet to be discussed. The factors which influence these concepts are drawn from the production, demand, and financial blocks of the model.

PERSONAL DISPOSABLE INCOME BLOCK

VARIABLES DETERMINED OUTSIDE THE PERSONAL DISPOSABLE INCOME BLOCK

FED GOVT EXPND - CAPITAL ASSISTANCE, PERSONS	GE.CAS.PE\$
GOVT EXPND - INTEREST PAYMENTS	GE.INT\$
GOVT EXPND - TRNFS TO PERSONS	GE.TPE\$
GOVERNMENT REVENUE - DIRECT TAXES CORP GOVT BUS ENTERPR	GR.DT.C\$
GOVERNMENT REVENUE - DIRECT TAXES PERSONS	GR.DT.P\$
GOVERNMENT REVENUE - TRANSFERS PERSONS TO GOVERNMENT	GR.TR.PETG\$
GOVERNMENT REVENUE - INVESTMENT INCOME	GR.YI\$
INVENTORY VALUATION ADJUSTMENT - NON AGRICULTURE	IN.VANAG\$
NET NATIONAL INCOME AT FACTOR COST	NNI\$
EXPORTS SERVICE RECEIPTS - PERSONAL REMITTANCES - WORLD	TESPERRMW\$
EXPORTS BOP/NA DISCREPANCY RE PERSONAL REMITTANCES	TESPERRMWADJ\$
VALUATION ADJUSTMENT ON GRAIN TRANSACTIONS	Y.ADJ.GTR\$
INTEREST ON CONSUMER DEBT	Y.INT.CD\$
UNREMITTED PROFITS OF CORPORATIONS	Y.URPROF.CORP\$
UNREMITTED PROFITS OF GOVT BUS ENTERPRISES	Y.URPROF.GOVBE\$

VARIABLES ENDOGENOUS TO THE PERSONAL DISPOSABLE INCOME BLOCK (IDENTITIES)

CURRENT TRANSFERS	TP+CA+NR.TP\$	= GE.TP\$ + GE.CAS.P\$ + TESPERRMW\$ - TESPERRMWADJ\$
RETAINED EARNINGS OUTSIDE THE PERSONAL SECTOR	RE\$	= Y.URPROF.GOVBE\$ + Y.URPROF.CORP\$ + GR.DT.C\$
PERSONAL INCOME	PY\$	+ GR.YI\$ + Y.ADJ.GRT\$ + IN.VANAG\$
PERSONAL DISPOSABLE INCOME	PDY\$	= NNI\$ + TP+CA+NR.TP\$ + GE.INT\$ + Y.INT.CD\$ - RE\$
		= PY\$ - GR.DT.P\$ - GR.TR.PETG\$

ANOTHER PLASTIIB PRODUCT BY LOWE-MARTIN COMPANY INC

79.2181

NET NATIONAL INCOME AND
PROFITS

In the National Accounts, GNE can be viewed from the expenditure side, the income side, or the product side. We have developed detailed disaggregated estimates of the components on the expenditure side of the accounts. Using Statistics Canada input-output tables, we have also developed a detailed statement of the production side of the accounts. However, we have not yet included a full explanation of those items which appear on the income side of the accounts, except for wagebill.

GNE observed from the income side of the accounts is the sum of factor payments (net national income at factor cost) plus capital consumption allowances, indirect taxes, the residual error of estimate, less subsidies. Net national income at factor cost can then be viewed (after adjustment for the residual error of estimate) as GNE less capital consumption allowances, indirect taxes, plus subsidies. Net national income at factor cost is the sum of factor payments. If we determine stochastically all factor payments except for profits we can renormalize the net national income identity and use it to determine profits. This is the procedure followed in CANDIDE Model 2.0.

Profits are the residual; they are what is left over after all other factors of production are rewarded.

To approach the problem in this way we need estimates for capital consumption allowances, indirect taxes, farm income, income of nonfarm unincorporated business, interest income, and the other items which appear in the net national income identity. Many of the items needed have already been discussed in other blocks. Wagebill is determined in the wage block. Indirect taxes are determined in the government revenue block. The public portion of capital consumption allowances is determined in the government expenditure block. Inventory valuation adjustment is determined in the inventory price block. The remaining items are determined in the net national income and profit block.

Capital consumption allowance in the private sector is determined as a rate-base calculation. The sum of the product of industry specific capital stock times an industry specific investment deflator times an industry specific economic depreciation rate is used as the explanatory variable in an equation estimated in logarithmic form with unitary elasticity. The economic depreciation rates are exogenous variables; both the capital stocks and the investment deflators are endogenous.

Income of nonfarm unincorporated business is influenced by activity on the expenditure side of the model. This factor payment item is composed of professional income, other unincorporated nonfarm income, and rental income of persons. These income items are the earnings of self-employed proprietors where labour and investment-type income can only be segregated on an arbitrary basis. The independent variables which influence this income item include the current dollar value of imputed and paid rent and the unemployment rate. The unemployment rate helps capture the cyclical nature of the nonrental components of this income item. The imputed and paid rental items are determined in the final demand consumption block; the unemployment rate is determined in the demographic block.

Farm income depends upon farm production and farm prices. This income item is in fact net income received by farm operators from farm production. It is composed of estimates of farm cash receipts from the sale of farm products, income in kind, and the value of the physical change in inventories of field crops and livestock, all reduced by farm operating expenses. Farm income is endogenously determined in CANDIDE Model 2.0. It is a function of agricultural output, price and trend factors. Although this specification fits the sample period well, it

relies heavily on information from output conversion and on the sector price for output originating in agriculture.

The factor payment "interest and miscellaneous investment income" excludes by definition interest paid on the public debt and interest paid on consumer debt.

Personal interest income by definition includes not only the factor payment "interest income", which makes its way to the personal sector, but also interest paid on government debt and interest paid on consumer debt. In CANDIDE Model 2.0 we derive the factor payment concept "interest and miscellaneous investment income" by subtracting from personal interest income those items that by definition are not factor payments (interest on the public debt and interest on consumer debt). We then add to this "investment income to the government sector" which is regarded as a factor payment but is not included in personal interest income.

Government investment income is determined in the government revenue block. Government interest payments are determined in the government expenditure block. Interest on consumer debt is influenced by interest rates and consumer durable demand variables. Also influencing interest on consumer debt is income of nonfarm unincorporated business.

With many of the components of interest and miscellaneous investment income (factor payment concept) available elsewhere in the model, we construct this concept by way of an identity. This route will require stochastic equations for personal interest income and dividends paid to Canadian residents.

Personal interest income has a domestic and foreign component. In CANDIDE Model 2.0, we model the domestic component of personal interest income by subtracting income receipts from abroad (calculated in the export block) from total personal interest income and making the residual depend upon the stock of various financial instruments and their respective interest rates in the asset portfolio model. As a result, personal interest income is linked explicitly to the financial block through asset stocks and their associated rates. Debt portfolio management of the federal government will then have a direct impact on personal interest income and thus personal income.

Dividends paid to Canadian residents are also determined endogenously by a simple distributed lag function of retained earnings of corporations, adjusted for the proportion of Canadian owned capital.

Once the major components of the net national income identity are on hand, corporate profits (business and government enterprises) are determined as a residual. It is the remainder after wages, farm income, income of nonfarm

unincorporated business, interest income and other items have been deducted from^c net national income. Since corporate taxes are determined in the government revenue block, corporate profits after taxes and retained earnings, both in the corporate sector and in the government business sector, can be derived from simple identities.

NET NATIONAL INCOME & PROFITS BLOCK

VARIABLES DETERMINED OUTSIDE THE NET NATIONAL INCOME & PROFITS BLOCK

CONSUMER EXPND - TOTAL DURABLE GOODS AS PER NA	CDS
CONSUMER EXPND - GROSS IMPUTED RENT	CSR10
CONSUMER EXPND - GROSS RENT PAID	CSR20
TOTAL POPULATION CANADA	DPOP
UNEMPLOYMENT RATE	DURATE
TOTAL FOREIGN CAPITAL IN CANADA	FC
CDN DOLLAR DEPOSITS - OTHER NOTICE - CHARTERED BANKS	FDEP.OTHPUB.CB
CDN DOLLAR DEPOSITS - OTHER FINANCIAL INTER	FDEP.PUB.OFI
CDN DOLLAR DEPOSITS - TRUST & MORTGAGE LOAN COMPANIES	FDEP.PUB.TM
CDN DOLLAR DEPOSITS - PERSONAL SAVINGS - CHARTERED BANKS	FDEP.SAVPUB.CB
CANADA SAVINGS BONDS HELD BY PUBLIC	FGD.CSB.PUB
GOVT OF CDA SECURITIES (OTHER THAN CSB'S) HELD BY PUBLIC	FGD.GVCSEC.PUB
PROV & MUNICIPAL SECURITIES HELD BY CANADIANS	FGD.PMSEC.PUB
CHARTERED BANK 90-DAY DEPOSIT RECEIPTS	FRATE.CBDEP.3M
CHARTERED BANK PRIME BUSINESS LOAN RATE (MONTH END)	FRATE.CBLEND
YIELD ON CANADA SAVINGS BONDS	FRATE.CSB
90-DAY FINANCE CO PAPER RATE	FRATE.FCPAPER3M
GOVT OF CDA BOND YIELD AVERAGES 10 YRS & OVER	FRATE.GBOND.10Y
YIELD ON PROVINCIAL GOVERNMENT BONDS	FRATE.FROG.BOND
INTEREST ON TRUST CO 5 YR GUARANTEED INVESTMENT CERT	FRATE.TM
GOVT EXPND - CURNT GDS & SRVS, DEPRECIATION	GE.CGS.CCA\$
GOVT EXPND - INTEREST PAYMENTS	GE.INT\$
GOVT REVENUE - INVESTMENT INCOME	GR.VIS
FED GOVT REVENUE - DIRECT TAXES CORP	GRF.DT.CCRPS
FED GOVT REVENUE - DIRECT TAXES GOVT BUS ENTERPRISES	GRF.DT.CGOV\$
FED GOVT REV - INVST INCOME REMITT FROM GOVT CORP	GRF.YI.REM\$
LOCAL GOVT REV - INVST INCOME REMITT FROM GOVT CORP	GRL.YI.REM\$
PROV GOVT REVENUE - DIRECT TAXES CORP & GOVT BUS ENTERPR	GRP.DT.C\$
PROV GOVT REV - INVST INCOME REMITT FROM GOVT CORP	GRP.YI.REM\$
ECON DEPR AGRIC FISH & TRAP INDST - BLDG & ENG CONST	IEDAGFTC
ECON DEPR AGRIC FISH & TRAP INDST - MACH & EQUIP	IEDAGFTM
ECON DEPR CONST INDST - BLDG & ENG CONST	IEDCNSTC
ECON DEPR CONST INDST - MACH & EQUIP	IEDCNSTM
ECON DEPR COMMUNICATION INDST - BLDG & ENG CONST	IEDCOMMC543.8
ECON DEPR COMMUNICATION INDST - MACH & EQUIP	IEDCOMMM543.8
ECON DEPR FIN INS & REAL ESTATE INDST - BLDG CONST	IEDFIREC701.37
ECON DEPR FIN INS & REAL ESTATE INDST - MACH & EQUIP	IEDFIREM701.37
ECON DEPR FORESTRY INDST - BLDG & ENG CONST	IEDFSTYC31.9
ECON DEPR FORESTRY INDST - MACH & EQUIP	IEDFSTYM31.9
ECON DEPR WOOD INDST - BLDG & ENG CONST	IEDMFC251.9
ECON DEPR FURNITURE & FIXTURE INDST - BLDG CONST	IEDMFC261.8
ECON DEPR IRON & STEEL INDST - BLDG CONST	IEDMFC291.4
ECON DEPR NONFERROUS METALS - BLDG & ENG CONST	IEDMFC295.8
ECON DEPR METAL FAB INDST - BLDG & ENG CONST	IEDMFC301.9
ECON DEPR MACH (EX ELEC MACH) INDST - BLDG & ENG CONST	IEDMFC311.8
ECON DEPR NON AUTO TRANSPORT EQUIP - BLDG & ENG CONST	IEDMFC321+26.9
ECON DEPR MOTOR VEHICLE (EX PARTS & ACC) - BLDG & ENG CONST	IEDMFC323.4
ECON DEPR MOTOR VEHICLE PARTS & ACC - BLDG & ENG CONST	IEDMFC325
ECON DEPR ELECTRICAL PROD INDST - BLDG & ENG CONST	IEDMFC331.9
ECON DEPR NON METAL MINING PROD INDST - BLDG & ENG CONST	IEDMFC351.9
ECON DEPR WOOD INDST - MACH & EQUIP & CICOE	IEDMEDM251.9
ECON DEPR FURNITURE & FIXTURE INDST - MACH & EQUIP & CICOE	IEDMEDM261.8

ECON DEPR IRON & STEEL INDST - MACH & EQUIP	IEDMFDM291.4
ECON DEPR NONFERROUS METALS - MACH & EQUIP	IEDMFDM295.8
ECON DEPR METAL FAB INDST - MACH & EQUIP & CIOCE	IEDMFDM301.9
ECON DEPR MACH (EX ELEC MACH) INDST - MACH & EQUIP & CIOCE	IEDMFDM311.8
ECON DEPR NON AUTO TRANSPORT EQUIP - MACH & EQUIP & CIOCE	IEDMFDM321+26.9
ECON DEPR MOTOR VEHICLE (EX PARTS & ACC) - M&E & CIOCE	IEDMFDM323.4
ECON DEPR MOTOR VEHICLE PARTS & ACC - MACH & EQUIP & CIOCE	IEDMFDM325
ECON DEPR ELECTRICAL PROD INDST - MACH & EQUIP & CIOCE	IEDMFDM331.9
ECON DEPR NON MET MINING PROD INDST - MACH & EQUIP & CIOCE	IEDMFDM351.9
ECON DEPR FOOD & BEVERAGES: INDST - BLDG & ENG CONST	IEDMFDC101.9
ECON DEPR TOBACCO PROD INDST - BLDG & ENG CONST	IEDMFDC151.3
ECON DEPR RUBBER & PLASTIC PROD INDST - BLDG & ENG CONST	IEDMFDC162.5
ECON DEPR LEATHER INDST - BLDG & ENG CONST	IEDMFDC172.9
ECON DEPR TEXTILE INDST - BLDG & ENG CONST	IEDMFDC181.9
ECON DEPR KNITTING & CLOTHING INDST - BLDG CONST	IEDMFDC231.49
ECON DEPR PAPER & ALLIED INDST - BLDG CONST	IEDMFDC271.4
ECON DEPR PRINT, PUBLISH & ALLIED INDST - BLDG & ENG CONST	IEDMFDC286.9
ECON DEPR PET & COAL PROD INDST - BLDG & ENG CONST	IEDMFDC365.9
ECON DEPR CHEM & CHEM PROD INDST - BLDG & ENG CONST	IEDMFDC372.9
ECON DEPR MISC MANUF INDST - BLDG & ENG CONST	IEDMFDC391.9
ECON DEPR FOOD & BEVERAGES INDST - MACH & EQUIP & CIOCE	IEDMFDM101.9
ECON DEPR TOBACCO PROD INDST - MACH & EQUIP & CIOCE	IEDMFDM151.3
ECON DEPR RUBBER & PLASTIC PROD INDST - MACH & EQUIP & CIOCE	IEDMFDM162.5
ECON DEPR LEATHER INDST - MACH & EQUIP & CIOCE	IEDMFDM172.9
ECON DEPR TEXTILE INDST - MACH & EQUIP & CIOCE	IEDMFDM181.9
ECON DEPR KNITTING & CLOTHING INDST - MACH & EQUIP & CIOCE	IEDMFDM231.49
ECON DEPR PAPER & ALLIED INDST - MACH & EQUIP & CIOCE	IEDMFDM271.4
ECON DEPR PRINT, PUBLISH & ALLIED INDST - M&E & CIOCE	IEDMFDM286.9
ECON DEPR PET & COAL PROD INDST - M&E & CIOCE	IEDMFDM365.9
ECON DEPR CHEM & CHEM PROD INDST - M&E & CIOCE	IEDMFDM372.9
ECON DEPR MISC MANUF INDST - BLDG CONST	IEDMFDM391.9
ECON DEPR COAL MINING - BLDG & ENG CONST	IEDMICL61
ECON DEPR COAL MINING - M&E & CIOCE	IEDMICL61
ECON DEPR METAL MINING INDST - BLDG & ENG CONST	IEDNIMC51.9
ECON DEPR METAL MINING INDST - MACH & EQUIP	IEDNIMM51.9
ECON DEPR NON METAL MINING (EX COAL) - BLDG & ENG CONST	IEDNINM71.87
ECON DEPR CRD PET NATL GAS & SRVS INC TO MIN IND - M&E & CIOCE	IEDNINM71.87
ECON DEPR CRD PET NATL GAS & SRVS INC TO MIN IND - B&E CONST	IEDNIPG64+96.9
ECON DEPR CRD PET NATL GAS & SRVS INC TO MIN IND - M&E	IEDNIPM64+96.9
ECON DEPR COMMER SVCS INDST - BLDG CONST	IEDSVCMC
ECON DEPR COMMER SVCS INDST - MACH & EQUIP	IEDSVCMH
ECON DEPR WHOLESALE & RETAIL TRADE INDST - BLDG CONST	IEDTRADC602.99
ECON DEPR WHOLESALE & RETAIL TRADE INDST - MACH & EQUIP	IEDTRADM602.99
ECON DEPR TRANSPORT INDST - BLDG & ENG CONST	IEDTRSPC501.27
ECON DEPR TRANSPORT INDST - M&E & CIOCE	IEDTRSPM501.27
ECON DEPR UTILITY INDST - BLDG CONST	IEDUTILC572.9
ECON DEPR UTILITY INDST - MACH & EQUIP	IEDUTILM572.9
CAP STOCK AGRIC FISH & TRAP INDST - BLDG & ENG CONST	IKAGFTC
CAP STOCK AGRIC FISH & TRAP INDST - MACH & EQUIP	IKAGFTM
CAP STOCK CONSTRUCTION INDST - BLDG & ENG CONST	IKCNSTC
CAP STOCK CONSTRUCTION INDST - MACH & EQUIP	IKCNSTM
CAP STOCK COMMUNICATION INDST - BLDG & ENG CONST	IKCOMMC543.8
CAP STOCK FIN INS & REAL ESTATE INDST - MACH & EQUIP	IKCOMMS543.8
CAP STOCK FIN INS & REAL ESTATE INDST - BLDG CONST	IKFIREC701.37
CAP STOCK FORESTRY INDST - BLDG & ENG CONST	IKFIREM701.37
CAP STOCK FORESTRY INDST - MACH & EQUIP	IKFSTYC31.9
CAP STOCK MANUF TOTAL - BLDG & ENG CONST	IKFSTYM31.9
CAP STOCK WOOD INDST - BLDG & ENG CONST	IKMPC
CAP STOCK FURNITURE & FIXTURE INDST - BLDG CONST	IKMFDC251.9
CAP STOCK IRON & STEEL INDST - BLDG CONST	IKMFDC261.8
CAP STOCK NONFERROUS METALS - BLDG & ENG CONST	IKMFDC291.4
	IKMFDC295.8

CAP STOCK METAL FAB INDST - BLDG & ENG CONST	IMKFD031.9
CAP STOCK MACH (EX ELEC MACH) INDST - BLDG & ENG CONST	IMKFD031.8
CAP STOCK NON AUTO TRANSPORT EQUIP - BLDG & ENG CONST	IMKFD0331.4
CAP STOCK MOTOR VEHICLE (EXCL PARTS) - BLDG CONST	IMKFD0331.4
CAP STOCK MOTOR VEHICLE PARTS & ACC - BLDG & ENG CONST	IMKFD0335
CAP STOCK ELECTRICAL PROD INDST - BLDG & ENG CONST	IMKFD0331.9
CAP STOCK NON METAL MIN PROD INDST - BLDG & ENG CONST	IMKFD0331.9
CAP STOCK WOOD INDST - M&E & CIOCE	IMKFD0251.9
CAP STOCK FURNITURE & FIXTURE INDST - M&E & CIOCE	IMKFD0251.9
CAP STOCK IRON & STEEL INDST - M&E & CIOCE	IMKFD0251.8
CAP STOCK NONFERROUS METALS - M&E & CIOCE	IMKFD0251.8
CAP STOCK METAL FAB INDST - M&E & CIOCE	IMKFD0291.4
CAP STOCK MACH (EX ELEC MACH) INDST - M&E & CIOCE	IMKFD0295.8
CAP STOCK NON AUTO TRANSPORT EQUIP - M&E & CIOCE	IMKFD0301.9
CAP STOCK MOTOR VEH (EX PARTS & ACC) INDST - M&E & CIOCE	IMKFD0311.8
CAP STOCK MOTOR VEH PARTS & ACC INDST - M&E & CIOCE	IMKFD0323.4
CAP STOCK ELECTRICAL PROD INDST - M&E & CIOCE	IMKFD0323.4
CAP STOCK NON METAL MINING PROD INDST - M&E & CIOCE	IMKFD0331.9
CAP STOCK MANUF TOTAL - MACH & EQUIP	IMKFD0351.9
CAP STOCK FOOD & BEVERAGE INDST - BLDG & ENG CONST	IMKFD04101.9
CAP STOCK TOBACCO PROD INDST - BLDG & ENG CONST	IMKFD04151.3
CAP STOCK RUBBER & PLASTIC PROD INDST - BLDG & ENG CONST	IMKFD04162.5
CAP STOCK LEATHER INDST - BLDG & ENG CONST	IMKFD04172.9
CAP STOCK TEXTILE INDST - BLDG & ENG CONST	IMKFD04181.9
CAP STOCK KNITTING & CLOTHING INDST - BLDG CONST	IMKFD04231.4
CAP STOCK PAPER & ALLIED INDST - BLDG CONST	IMKFD04271.4
CAP STOCK PRINT, PUBLISH & ALLIED INDST - BLDG & ENG CONST	IMKFD0286.9
CAP STOCK PET & COAL PROD INDST - BLDG & ENG CONST	IMKFD0365.9
CAP STOCK CHEM & CHEM PROD INDST - BLDG & ENG CONST	IMKFD0372.9
CAP STOCK FOOD MANUF INDST - BLDG & ENG CONST	IMKFD0391.9
CAP STOCK MISC MANUF INDST - M&E & CIOCE	IMKFD04101.9
CAP STOCK TOBACCO PROD INDST - M&E & CIOCE	IMKFD04151.3
CAP STOCK RUBBER & PLASTIC PROD INDST - M&E & CIOCE	IMKFD04162.5
CAP STOCK LEATHER INDST - M&E & CIOCE	IMKFD04172.9
CAP STOCK TEXTILE INDST - M&E & CIOCE	IMKFD04181.9
CAP STOCK KNITTING & CLOTHING INDST - M&E & CIOCE	IMKFD04231.4
CAP STOCK PAPER & ALLIED INDST - M&E & CIOCE	IMKFD04271.4
CAP STOCK PRINT, PUBLISH & ALLIED INDST - M&E & CIOCE	IMKFD0286.9
CAP STOCK PET & COAL PROD INDST - M&E & CIOCE	IMKFD0365.9
CAP STOCK CHEM & CHEM PROD INDST - M&E & CIOCE	IMKFD0372.9
CAP STOCK MISC MANUF INDST - M&E & CIOCE	IMKFD0391.9
CAP STOCK TOBACCO PROD INDST - BLDG & ENG CONST	IMKFD04101.9
CAP STOCK RUBBER & PLASTIC PROD INDST - M&E & CIOCE	IMKFD04151.3
CAP STOCK LEATHER INDST - M&E & CIOCE	IMKFD04172.9
CAP STOCK TEXTILE INDST - M&E & CIOCE	IMKFD04181.9
CAP STOCK KNITTING & CLOTHING INDST - M&E & CIOCE	IMKFD04231.4
CAP STOCK PAPER & ALLIED INDST - M&E & CIOCE	IMKFD04271.4
CAP STOCK PRINT, PUBLISH & ALLIED INDST - M&E & CIOCE	IMKFD0286.9
CAP STOCK PET & COAL PROD INDST - M&E & CIOCE	IMKFD0365.9
CAP STOCK CHEM & CHEM PROD INDST - M&E & CIOCE	IMKFD0372.9
CAP STOCK MISC MANUF INDST - M&E & CIOCE	IMKFD0391.9
CAP STOCK MINING TOTAL - BLDG & ENG CONST	IMKIC
CAP STOCK COAL MINING - BLDG & ENG CONST	IMKICLC61
CAP STOCK COAL MINING - M&E & CIOCE	IMKICLM61
CAP STOCK MINING TOTAL - MACH & EQUIP	IKMIN
CAP STOCK METAL MINING INDST - BLDG & ENG CONST	IKMINM051.9
CAP STOCK METAL MINING INDST - MACH & EQUIP	IKMINM051.9
CAP STOCK NON METAL MIN (EX COAL) - BLDG & ENG CONST	IKMINM071.87
CAP STOCK NON METAL MIN (EX COAL) - M&E & CIOCE	IKMINM071.87
CAP STOCK CRD PET NATL GAS & SERV INC TO MIN IND - B&E CONST	IKMIP064+96.9
CAP STOCK CRD PET NATL GAS & SERV INC TO MIN INDST - M&E	IKMIPM64+96.9
CAP STOCK CRD PET NATL GAS & SERV INC TO MIN INDST - M&E	IKSVCMC
CAP STOCK COMMER SVCS INDST - BLDG CONST	IKSVCMC
CAP STOCK COMMER SVCS INDST - MACH & EQUIP	IKSVCMC
CAP STOCK WHOLESALE & RETAIL TRADE INDST - BLDG CONST	IKTRAD0602.99
CAP STOCK WHOLESALE & RETAIL TRADE INDST - M&E & CIOCE	IKTRAD0602.99
CAP STOCK TRANSPORT INDST - BLDG & ENG CONST	IKTRSP0501.27
CAP STOCK TRANSPORT INDST - M&E & CIOCE	IKTRSPM0501.27
CAP STOCK UTILITY INDST - BLDG CONST	IKUTIL0572.9
CAP STOCK UTILITY INDST - M&E & CIOCE	IKUTILM0572.9
CAP STOCK INVENTORY VALUATION ADJUSTMENT - NON AGRICULTURE	IN.VANAGS
DEFLATOR CONS EXPND - GROSS IMPUTED RENT	PCFSR10
DEFLATOR CONS EXPND - GROSS RENT PAID	PCFSR20

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[illegible]

DEFLATOR INV NON METAL MINING (EX COAL) - BLDG & ENG CONST	PFIMINMC71.87
DEFLATOR INV NON METAL MINING (EX COAL) - MACH & EQUIP	PFIMINMM71.87
DEFL INV CRD PET NATL GAS & SERV INC TO MIN IND - B&E CONST	PFIMIPCG64+96.9
DEFLATOR INV CRD PET NATL GAS & SERV INC TO MIN IND - M & E	PFIMIPMG64+96.9
DEFLATOR INV COMMER SVCS INDST - BLDG CONST	PFISVCMC
DEFLATOR INV COMMER SVCS INDST - MACH & EQUIP	PFISVCMH
DEFLATOR INV WHOLESale & RETAIL TRADE INDST - BLDG CONST	PFITRADCG602.99
DEFLATOR INV WHOLESale & RETAIL TRADE INDST - MACH & EQUIP	PFITRADMG602.99
DEFLATOR INV TRANSPORT INDST - BLDG & ENG CONST	PFITRSPG501.27
DEFLATOR INV TRANSPORT INDST - M&E & CIOE	PFITRSPW501.27
DEFLATOR INV UTILITY INDST - BLDG & ENG CONST	PFITULCG572.9
DEFLATOR INV UTILITY INDST - M&E & CIOE	PFITULW572.9
EXPORTS SERVICE RECEIPTS - INCOME RECEIPTS - WORLD	TESINCRWS
WAGEBILL - TOTAL	WBTOT
GDP, AGRIC FISH & TRAP INDST	XAGFT1.21+41.7\$

VARIABLES EXOGENOUS TO THE NET NATIONAL INCOME & PROFITS BLOCK

DUMMY VARIABLE - NET NATIONAL INCOME & PROFITS BLOCK	YDUMMY50	E
DUMMY VARIABLE - NET NATIONAL INCOME & PROFITS BLOCK	YDUMMY69	E

Equation No.: 1381

Name: Capital Consumption Allowances -- Business

Mnemonic: Y.B.CCA\$

Period: 1947-76

ln(Y.B.CCA\$)

= + 1.43557
(7.77)

+ 0.92936 ln((IEDAGFTC * IKAGFTC * PFIAGFTC)
(38.16) + (IEDAGFTM * IKAGFTM * PFIAGFTM)
+ (IEDCNSTC * IKCNSTC * PFICNSTC)
+ (IEDCNSTM * IKCNSTM * PFICNSTM)
+ (IEDCOMMC543.8 * IKCOMMC543.8 * PFICOMMC543.8)
+ (IEDCOMMM543.8 * IKCOMMM543.8 * PFICOMMM543.8)
+ (IEDFIREC701.37 * IKFIREC701.37 * PFIFIREC701.37)
+ (IEDFIREM701.37 * IKFIREM701.37 * PFIFIREM701.37)
+ (IEDFSTYC31.9 * IKFSTYC31.9 * PFIFSTYC31.9)
+ (IEDFSTYM31.9 * IKFSTYM31.9 * PFIFSTYM31.9)
+ (IEDMFDC251.9 * IKMFDC251.9 * PFIMFDC251.9)
+ (IEDMFDM251.9 * IKMFDM251.9 * PFIMFDM251.9)
+ (IEDMFDC261.8 * IKMFDC261.8 * PFIMFDC261.8)
+ (IEDMFDM261.8 * IKMFDM261.8 * PFIMFDM261.8)
+ (IEDMFDC291.4 * IKMFDC291.4 * PFIMFDC291.4)
+ (IEDMFDM291.4 * IKMFDM291.4 * PFIMFDM291.4)
+ (IEDMFDC295.8 * IKMFDC295.8 * PFIMFDC295.8)
+ (IEDMFDM295.8 * IKMFDM295.8 * PFIMFDM295.8)
+ (IEDMFDC301.9 * IKMFDC301.9 * PFIMFDC301.9)
+ (IEDMFDM301.9 * IKMFDM301.9 * PFIMFDM301.9)
+ (IEDMFDC311.8 * IKMFDC311.8 * PFIMFDC311.8)
+ (IEDMFDM311.8 * IKMFDM311.8 * PFIMFDM311.8)
+ (IEDMFDC321+26.9 * IKMFDC321+326.9 * PFIMFDC321+26.9)
+ (IEDMFDM321+26.9 * IKMFDM321+326.9 * PFIMFDM321+26.9)
+ (IEDMFDC323.4 * IKMFDC323.4 * PFIMFDC323.4)
+ (IEDMFDM323.4 * IKMFDM323.4 * PFIMFDM323.4)
+ (IEDMFDC325 * IKMFDC325 * PFIMFDC325)
+ (IEDMFDM325 * IKMFDM325 * PFIMFDM325)
+ (IEDMFDC331.9 * IKMFDC331.9 * PFIMFDC331.9)
+ (IEDMFDM331.9 * IKMFDM331.9 * PFIMFDM331.9)
+ (IEDMFDC351.9 * IKMFDC351.9 * PFIMFDC351.9)
+ (IEDMFDM351.9 * IKMFDM351.9 * PFIMFDM351.9)
+ (IEDMFNDC101.9 * IKMFNDC101.9 * PFIMFNDC101.9)
+ (IEDMFNDM101.9 * IKMFNDM101.9 * PFIMFNDC101.9)
+ (IEDMFNDC151.3 * IKMFNDC151.3 * PFIMFNDC151.3)
+ (IEDMFNDM151.3 * IKMFNDM151.3 * PFIMFNDC151.3)
+ (IEDMFNDC162.5 * IKMFNDC162.5 * PFIMFNDC162.5)
+ (IEDMFNDM162.5 * IKMFNDM162.5 * PFIMFNDC162.5)
+ (IEDMFNDC172.9 * IKMFNDC172.9 * PFIMFNDC172.9)
+ (IEDMFNDM172.9 * IKMFNDM172.9 * PFIMFNDC172.9)
+ (IEDMFNDC181.9 * IKMFNDC181.9 * PFIMFNDC181.9)
+ (IEDMFNDM181.9 * IKMFNDM181.9 * PFIMFNDC181.9)
+ (IEDMFNDC231.49 * IKMFNDC231.49 * PFIMFNDC231.49)
+ (IEDMFNDM231.49 * IKMFNDM231.49 * PFIMFNDC231.49)

+ (IEDMFNDC271.4 * IKMFNDC271.4 * PFIMFNDC271.4)
+ (IEDMFNDM271.4 * IKMFNDM271.4 * PFIMFNDM271.4)
+ (IEDMFNDC286.9 * IKMFNDC286.9 * PFIMFNDC286.9)
+ (IEDMFNDM286.9 * IKMFNDM286.9 * PFIMFNDM286.9)
+ (IEDMFNDC365.9 * IKMFNDC365.9 * PFIMFNDC365.9)
+ (IEDMFNDM365.9 * IKMFNDM365.9 * PFIMFNDM365.9)
+ (IEDMFNDC372.9 * IKMFNDC372.9 * PFIMFNDC372.9)
+ (IEDMFNDM372.9 * IKMFNDM372.9 * PFIMFNDM372.9)
+ (IEDMFNDC391.9 * IKMFNDC391.9 * PFIMFNDC391.9)
+ (IEDMFNDM391.9 * IKMFNDM391.9 * PFIMFNDM391.9)
+ (IEDMICLC61 * IKMICLC61 * PFIMICLC61)
+ (IEDMICLM61 * IKMICLM61 * PFIMICLM61)
+ (IEDIMMC51.9 * IKIMMC51.9 * PFIMIMMC51.9)
+ (IEDIMMM51.9 * IKIMMM51.9 * PFIMIMMM51.9)
+ (IEDMINMC71.87 * IKMINMC71.87 * PFIMINMC71.87)
+ (IEDMINMM71.87 * IKMINMM71.87 * PFIMINMM71.87)
+ (IEDMIPC64+96.9 * IKMIPC64+96.9 * PFIMIPC64+96.9)
+ (IEDMIPM64+96.9 * IKMIPM64+96.9 * PFIMIPM64+96.9)
+ (IEDSVCMC * KSVCMC * PFISVCMC)
+ (IEDSVCM * KSVCM * PFISVCM)
+ (IEDTRADC602.99 * IKTRADC602.99 * PFITRADC602.99)
+ (IEDTRADM602.99 * IKTRADM602.99 * PFITRADM602.99)
+ (IEDTRSPC501.27 * IKTRSPC501.27 * PFITRSPC501.27)
+ (IEDTRSPM501.27 * IKTRSPM501.27 * PFITRSPM501.27)
+ (IEDUTILC572.9 * IKUTILC572.9 * PFIUTILC572.9)
+ (IEDUTILM572.9 * IKUTILM572.9 * PFIUTILM572.9)

$$\bar{R}^2 = 0.995$$

$$SEE = 0.052$$

$$D.W. = 0.392$$

$$RHO = 0.804$$

Equation No.: 1386

Name: Net Income of Nonfarm Unincorporated Business

Mnemonic: Y.NFARMUIB\$

Period: 1955-75

Y.NFARMUIB\$

= + 1815.0600
(12.78)

+ 0.48757 ((CSR10 * PFCSR10) + (CSR20 * PFCSR20))
(56.35)

+ sum(i=0,2)b(i) DURATE(-i)

i	b(i)	t(i)
0	- 5.02287	(0.23)
1	-13.23740	(1.46)
2	-21.45200	(1.04)

sum -39.71230 (1.46)

(1,3,NONE)

$\bar{R}^2 = .994$

SEE = 115.75

D.W. = 1.296

Equation No.: 1387

Name: Accrued Net Income of Farm Operators from Farm Production

Mnemonic: Y.FARM\$

Period: 1949-74

Y.FARM\$

= - 2427.99000
(6.50)

+ 0.85537 XAGFT1.21+41.7\$
(23.85)

+ 32211100.0 1 / DPOP
(5.84)

$\bar{R}^2 = .965$

SEE = 124.300

D.W. = 0.667

RHO = 0.649

Equation No.: 223

Name: Interest on Consumer Debt

Mnemonic: Y.INT.CD\$

Period: 1952-75

Y.INT.CD\$

= - 1733.30000
(13.86)

+ 18842600.00000 1 / DPOP
(12.32)

+ sum(i=0,2)b(i) Y.NFARMUIB\$(-i)

+ sum(i=0,2)c(i) (CD\$(-i) * FRATE.CBLEND(-i))

i	b(i)	t(i)	c(i)	t(i)
0	+0.026433	(0.91)	+0.00612	(22.39)
1	+0.072628	(13.04)	+0.00207	(10.53)
2	+0.118822	(3.42)	-0.00199	(4.09)
sum	+0.21788	(13.04)	+0.00621	(10.53)
	(1,3,NONE)		(1,3,NONE)	

$\overline{R}^2 = 0.998$

SEE = 17.954

D.W. = 1.413

Equation No.: 1390

Name: Interest Income -- Persons

Mnemonic: Y.INT.PRSN\$

Period: 1954-75

Y.INT.PRSN\$ - TESINCRW\$

= + 533.58900
(4.81)

+ 0.59499 ((FGD.CSB.PUB * FRATE.CSB) / 100)
(28.25) + ((FGD.GVCSEC.PUB * FRATE.GBOND.10Y) / 100)
+ ((FGD.P+MSEC.PUB * FRATE.PROG.BOND) / 100)
+ ((FDEP.PUB.TM * FRATE.TM) / 100)
+ ((FDEP.PUB.OFI * FRATE.TM) / 100)
+ ((FDEP.OTHPUB.CB * FRATE.CBDEP.3M) / 100)
+ ((FDEP.SAVPUB.CB * FRATE.FCPAPER3M) / 100))

$\bar{R}^2 = 0.988$

SEE = 222.840

D.W. = 1.112

RHO = 0.473

Equation No.: 1394

Name: Profits of Government Business Enterprises

Mnemonic: Y.PROFBT.GOVBE\$

Period: 1950-76

Y.PROFBT.GOVBE\$

= + 131.99900
(4.20)

+ 299.10300 YDUMMY69
(4.90)

+ 104.215 YDUMMY50
(2.55)

+ 0.01696 Y.PROFBT.CG\$
(3.06)

+ 0.016897 (Y.PROFBT.CG\$ - Y.PROFBT.CG\$(-1))
(1.07)

$\bar{R}^2 = 0.914$

SEE = 82.705

D.W. = 2.354

Equation No.: 1396

Name: Transfer Payments from Corporations to Persons

Mnemonic: Y.CORP.TP\$

Period: 1955-75

Y.CORP.TP\$

=	+	268.32700	
		(5.15)	
	+	0.00590	Y.PROFBT.CORP\$
		(6.76)	
	+	1.92547	DURATE
		(1.04)	
	-	3882310.0	1 / DPOP
		(4.66)	

$\bar{R}^2 = 0.970$

SEE = 9.21580

D.W. = 0.733

RHO = 0.621

Equation No.: 1398

Name: Dividends Paid to Canadian Residents

Mnemonic: Y.DIVPCR\$

Period: 1959-75

Y.DIVPCR\$

= + 72.77090
(1.63)

+ sum(i=0,1)b(i) (Y.URPROF.CORP\$(-i)
* (1 - (FC(-i) / (IKAGFTC(-i) * PFIAGFTC(-i)
+ IKAGFTM(-i) * PFIAGFTM(-i) + IKCNSTC(-i)
* PFICNSTC(-i) + IKCNSTM(-i) * PFICNSTM(-i)
+ IKCOMMC543.8(-i) * PFICOMMC543.8(-i)
+ IKCOMMM543.8(-i) * PFICOMMM543.8(-i)
+ IKFIREC701.37(-i) * PFIFIREC701.37(-i)
+ IKFIREM701.37(-i) * PFIFIREM701.37(-i)
+ IKFSTYC31.9(-i) * PFIFSTYC31.9(-i)
+ IKFSTYM31.9(-i) * PFIFSTYM31.9(-i)
+ IKMFC(-i) * PFIMFC(-i) + IKMFM(-i)
* PFIMFM(-i) + IKMIC(-i) * PFIMIC(-i)
+ IKMIM(-i) * PFIMIM(-i) + IKSVMC(-i)
* PFISVMC(-i) + IKSVMCM(-i) * PFISVMCM(-i)
+ IKTRADC602.99(-i) * PFITRADC602.99(-i)
+ IKTRADM602.99(-i) * PFITRADM602.99(-i)
+ IKTRSPC501.27(-i) * PFITRSPC501.27(-i)
+ IKTRSPM501.27(-i) * PFITRSPM501.27(-i)
+ IKUTILC572.9(-i) * PFIUTILC572.9(-i)
+ IKUTILM572.9(-i) * PFIUTILM572.9(-i))))

i	b(i)	t(i)
0	+0.54104	(7.11)
1	+0.13826	(1.60)
sum	+0.679308	(24.10)
	(1,2,NONE)	

$\bar{R}^2 = 0.979$

SEE = 107.07

D.W. = 1.932

Equation No.: 1399

Name: Dividends Paid to Nonresidents

Mnemonic: Y.DIVPNR\$

Period: 1961-75

Y.DIVPNR\$

= + 284.95100
(5.22)

+ sum(i=0,3)b(i) (Y.URPROF.CORP\$(-i)
* (FC(-i) / (IKAGFTC(-i) * PFIAGFTC(-i)
+ IKAGFTM(-i) * PFIAGFTM(-i)
+ IKCNSTC(-i) * PFICNSTC(-i) + IKCNSTM(-i)
* PFICNSTM(-i) + IKCOMMC543.8(-i)
* PFICOMMC543.8(-i) + IKCOMMM543.8(-i)
* PFICOMMM543.8(-i) + IKFIREC701.37(-i)
* PFIIFIREC701.37(-i) + IKFIREM701.37(-i)
* PFIIFIREM701.37(-i) + IKFSTYC31.9(-i)
* PFIIFSTYC31.9(-i) + IKFSTYM31.9(-i)
* PFIIFSTYM31.9(-i) + IKMFC(-i) * PFIMFC(-i)
+ IKMFM(-i) * PFIMFM(-i) + IKMIC(-i) * PFIMIC(-i)
+ IKMIM(-i) * PFIMIM(-i) + IKSVMC(-i)
* PFISVMC(-i) + IKSVMCM(-i) * PFISVMCM(-i)
+ IKTRADC602.99(-i) * PFITRADC602.99(-i)
+ IKTRADM602.99(-i) * PFITRADM602.99(-i)
+ IKTRSPC501.27(-i) * PFITRSPC501.27(-i)
+ IKTRSPM501.27(-i) * PFITRSPM501.27(-i)
+ IKUTILC572.9(-i) * PFIUTILC572.9(-i)
+ IKUTILM572.9(-i) * PFIUTILM572.9(-i))))

i	b(i)	t(i)
0	+0.13001	(4.94)
1	+0.12788	(4.51)
2	+0.10296	(4.63)
3	+0.05524	(0.86)
sum	+0.41608	(9.43)

(2,4,NONE)

$\bar{R}^2 = 0.975$

SEE = 55.640

D.W. = 1.463

ANOTHER PLASTITAB PRODUCT BY LOWE-MARTIN COMPANY INC.

79-2181



BALANCE OF PAYMENTS AND EXCHANGE RATE

The balance of payments block, including exchange rate determination, contains (1) the identities which, by differencing exports and imports in nominal terms obtained from the demand and price side of the model, provide an estimate of the current account balance, (2) a system of stochastic equations which determine direct investment, (3) a system of stochastic equations which determine portfolio transactions associated with long term capital movements including provincial and municipal debt issued abroad, (4) the equations and identities which determine the official settlements balance and short term capital movements, and (5) the stochastic equations which determine the exchange rate. These items depend upon an array of domestic and foreign activity, price, interest rate and liquidity variables.

The identities which determine the various balances associated with international trade follow directly from the nominal values for exports and imports derived in the final demand price block of CANDIDE Model 2.0. Differencing exports and imports of goods results in the merchandise trade balance. Balances for the various categories of services -- freight and shipping, travel, income flows and other services -- are calculated, and their summation, with the exclusion of withholding taxes, gives an estimate of the balance on total services. The merchandise

and services balances combine with the balance on international transfers to produce the current account balance. The terms of trade for both merchandise goods and goods and services are also derived as identities.

Direct investment in Canada and abroad is disaggregated to include U.S. and rest of world components. Among the major explanatory factors used as right hand side variables are investment requirements in Canada and in the United States and the rest of the world, and foreign and domestic sources of funds.

U.S. direct investment in Canada is positively related to Canadian investment activity and relative capital costs, and is negatively influenced by U.S. investment requirements relative to the availability of funds. Overseas direct investment in Canada follows a specification similar to that of the U.S. direct investment in Canada equation, but does not incorporate a measure of overseas sources of funds. Canadian direct investment in the United States is explained by U.S. investment requirements, relative capital costs, Canadian liquidity and Canada/U.S. interest rate differentials. The principal arguments in the equation explaining Canadian direct investment in overseas countries are investment requirements in the overseas OECD countries, Canadian liquidity, and Canada/U.K. interest rate differentials.

Portfolio investment in Canada held by foreigners is disaggregated by two levels of government -- federal and provincial and municipal, while corporate portfolio investment is disaggregated into net new issues and outstanding bonds. Explanatory factors include investment requirements in Canada, interest rate differentials in some cases augmented by the differential between the spot and expected exchange rates, and foreign sources of funds. Stocks and net miscellaneous long term transactions are determined exogenously.

Perhaps the most interesting equation in the capital account is that associated with provincial and municipal debt issued abroad. In the government sector we indicated that debt servicing at the provincial level is influenced by the outstanding stock of provincial debt and a weighted average of Canadian and U.S. interest rates, where the weights reflected the proportion of provincial debt held abroad. The equation in the balance of payments block which explains provincial and municipal securities issued abroad is positively related to the rate of change of the outstanding stock of government debt (provincial and municipal) and to Canada/U.S. interest rate differentials. It is negatively influenced by pension fund surpluses available to these levels of government and by U.S. investment requirements relative to the availability of funds.

Portfolio investment abroad held by Canadians is explained by factors including interest rate differentials, U.S. investment requirements and Canadian liquidity. Long term capital balances for direct and portfolio investment are calculated, as is the basic balance which is composed of the long term capital balance and the current account balance.

Short term capital movements are determined within CANDIDE Model 2.0 a residual. They are the difference between the official settlements balance, which is determined stochastically (and further described below), and the basic balance adjusted for special drawing rights.

In CANDIDE Model 2.0 we model both the official demand for foreign exchange as well as the value of the Canadian dollar vis-a-vis the U.S. dollar, both under fixed and flexible exchange rate regimes. Under the fixed exchange rate regime pressure from the exchange market is transmitted as changes in the official settlements balance. In contrast to this, in the flexible exchange rate regime, most of the pressure is absorbed through changes in the value of the Canadian dollar.

The exchange rate model in CANDIDE Model 2.0 is an adaptation of the monetary approach to the balance of payments. This approach treats the exchange rate as the relative price of two currencies, determined by the relative

supply of and demand for these two currencies. However, in CANDIDE Model 2.0 we develop a more structural approach, which recognizes the role of capital flows, government intervention (both through direct intervention in the exchange market and through indirect intervention through domestic monetary policy), and introduce a somewhat more "rational" concept of exchange rate expectations.

The principal equation in the exchange rate model is that of the expected exchange rate. In this equation the expected exchange rate is influenced by the ratio of expected prices (domestic) to actual prices (U.S.) and the level of reserves. Under the fixed regime, movements in the expected exchange rate depend primarily on the level of reserves; under the flexible regime, the level of reserves is supplemented by the ratio of expected domestic to U.S. inflation. Expected domestic inflation is determined as a weighted average of past rates of change in the CPI and past rates of change in M1, and is the same variable used to explain industry specific wage behaviour. This represents a "rational" approach to the determination of price expectations.

The expected exchange rate is the principal argument in both the spot and forward exchange rate equations. The expected exchange rate may be viewed as the normal or long run exchange rate, implied by the monetary approach. The spot rate, however, in this specification may

deviate from the long run rate in a flexible regime for reasons of government intervention, and because of short run capital movements. These latter considerations are captured by introducing, under a flexible regime, short term capital movements and the percentage change in the 3 month commercial paper rate into the equation for the spot exchange rate. The forward rate responds to changes in the expected exchange rate and interest rate differentials between the United States and Canada.

These equations exhibit different responses, under either fixed or floating exchange regimes, as indicated above. The official demand for spot exchange exhibits differential behaviour. Under a fixed regime it reacts to the percentage change in prices, and the target exchange rate. As the exchange rate (CAN\$/US\$) moves above its target, more reserves are supplied. Under a flexible regime the movements in the official excess demand for spot exchange cushion the movements in the spot rate. This implies that the flexible exchange regime may accurately be characterized as a managed or "dirty" float. Under a flexible regime expected exchange rates react to the past rate, relative (US/CAN) prices and the level of reserves. In the fixed regime they react only to the level of reserves. The spot rate reacts to the expected rate under a fixed and flexible regime. It is supplemented by intervention and capital flows under a flexible regime.

Within the balance of payments block there is an important item which is influenced by the official settlements balance. This is the federal government foreign exchange financing requirements which directly influence the budget constraint in the debt portfolio model of the financial block, along with other items such as the federal deficit. As a result, movements in the official settlements balance caused either by exchange rate variation or by dwindling reserves have an impact on government financing requirements and, through the debt portfolio and asset portfolio model in the financial block (yet to be discussed), have an impact on money supply (M1) growth.

The current account balance associated with invisibles is indirectly linked with the financial requirements of municipal and provincial governments. Provincial and municipal bonds issued abroad depend upon municipal and provincial funding requirements (their deficit position). Furthermore, we indicated previously that income payments to abroad in the import service account are influenced by the outstanding stock of municipal and provincial debt held abroad. These are only a few of the many links that exist between the balance of payments block and the rest of the system.

BALANCE OF PAYMENTS BLOCK

VARIABLES DETERMINED OUTSIDE THE BALANCE OF PAYMENTS BLOCK

INFLATION EXPECTATION	.CPIE
PROVINCIAL & MUNICIPAL BONDS	FGD.P+MG0V
PROV & MUNIC SECURITIES HELD BY CANADIANS	FGD.P+MSEC.PUB
90-DAY FINANCE CO PAPER RATE	FRATE.ECPAPER3M
GOVT OF CANADA BOND YIELD AVERAGES 10 YRS & OVER	FRATE.GBOND.10Y
MCLEOD, YOUNG & WEIR BOND YIELD AVG OF 10 INDUSTRIES	FRATE.TBOND.10Y
YIELD ON PROVINCIAL GOVT BONDS	FRATE.PROG.BOND
GOVERNMENT DEFICIT - FEDERAL	GDF\$
FED GOVT EXPND - TRNFS TO NON RES. OFF CONTRIBUTIONS	GFF.TNR.OCNTS
FED GOVT REV - DIRECT TAXES NONRES WITHHOLDING TAX	GFF.DT.NRS
GOVERNMENT SAVING	GSS
GOVERNMENT SAVING CANADA PENSION PLAN	GSPENC\$
GOVT SAVINGS QUEBEC PENSION PLAN	GSPENOS
INV AGRIC FISH & TRAP INDST - BLDG & ENG CONST	IAGFTCS
INV AGRIC FISH & TRAP INDST - MACH & EQUIP	IAGFTMS
INV BUS NONRES CONST - NAT ACCTS	IBNACOS
INV BUS MACH & EQUIP - NAT ACCTS	IBNAM\$
CAP STOCK AGRIC FISH & TRAP INDST - BLDG & ENG CONST	IAGFTC
CAP STOCK AGRIC FISH & TRAP INDST - MACH & EQUIP	IAGFTM
CAP STOCK CONSTRUCTION INDST - BLDG & ENG CONST	ICNSTC
CAP STOCK CONSTRUCTION INDST - MACH & EQUIP	ICNSTM
CAP STOCK COMMUNICATION INDST - BLDG & ENG CONST	IKCOMM543.8
CAP STOCK COMMUNICATION INDST - MACH & EQUIP	IKCOMM543.8
CAP STOCK FIN INS & REAL ESTATE INDST - BLDG CONST	IKFIREC701.37
CAP STOCK FIN INS & REAL ESTATE INDST - MACH & EQUIP	IKFIREW701.37
CAP STOCK FORESTRY INDST - BLDG & ENG CONST	IKFSTYC31.9
CAP STOCK FORESTRY INDST - MACH & EQUIP	IKFSTYM31.9
CAP STOCK MANUF TOTAL - BLDG & ENG CONST	IKMFC
CAP STOCK MANUF TOTAL - MACH & EQUIP	IKMFM
CAP STOCK MINING TOTAL - BLDG & ENG CONST	IKMIC
CAP STOCK MINING TOTAL - MACH & EQUIP	IKMIM
CAP STOCK COMMER SVCS INDST - BLDG CONST	IKSVCMC
CAP STOCK COMMER SVCS INDST - MACH & EQUIP	IKSVCMH
CAP STOCK COLLEGE & UNIV EDUC - MACH & EQUIP	IKSVHGEDC806
CAP STOCK COLLEGE & UNIV EDUC - MACH & EQUIP	IKSVHGEDM806
CAP STOCK OTHER NONCOMMER SVCS INDST - BLDG CONST	IKSVNCC
CAP STOCK OTHER NONCOMMER SVCS INDST - MACH & EQUIP	IKSVNCM
CAP STOCK WHOLESALE & RETAIL TRADE INDST - BLDG CONST	IKTRADC602.99
CAP STOCK WHOLESALE & RETAIL TRADE INDST - M&E & CICOE	IKTRADM602.99
CAP STOCK TRANSPORT INDST - BLDG CONST	IKTRSEC501.27
CAP STOCK TRANSPORT INDST - MACH & EQUIP & CICOE	IKTRSPM501.27
CAP STOCK UTILITY INDST - BLDG CONST	IKUTILC572.9
CAP STOCK UTILITY INDST - MACH & EQUIP & CICOE	IKUTILM572.9
INVENTORY VALUATION ADJUSTMENT - NON AGRICULTURE	IN.VANAGS
INVENTORY - TOTAL ECONOMY	INWS
INVENTORY - AGRICULTURE	INWAGS
DEFLATOR GROSS CAPITAL FORMATION	PFPGFC
DEFLATOR GROSS NATIONAL EXPENDITURE (GNE)	PFNGE
DEFLATOR INV AGRIC FISH & TRAP INDST - BLDG & ENG CONST	PFIAGFTC
DEFLATOR INV AGRIC FISH & TRAP INDST - MACH & EQUIP	PFIAGFTM
DEFLATOR INV CONSTRUCTION INDST - BLDG & ENG CONST	PFCNSTC
DEFLATOR INV CONSTRUCTION INDST - MACH & EQUIP	PFCNSTM

VARIABLES EXOGENOUS TO THE BALANCE OF PAYMENTS BLOCK

E	WTMSC,	FOREIGN EXCH TRANSACTIONS EXCL FROM BOP & GOVT ACCTS		.EPEA.OFS.DIFF
E	CPTL ACCT - PROV & MUNIC BONDS	- ADJ ENTRY		TBK.LL.BPMADJ
E	CPTL ACCT - CDN STOCKS - TOTAL			TBK.LL.PSS
E	CPTL ACCT - MISC LONG-TERM TRANSACTIONS			TBK.LN.OTHR\$
E	CPTL ACCT - ALLOCATION OF SPECIAL DRAWING RIGHTS			TBK.SDR\$
E	CPTL ACCT - ADJ ENTRY RE INTERNATIONAL RESERVES			TBK.URS.ADJ
E	DUMMY VARIABLE - BOP BLOCK - DEPRECIATION ALLOWANCES			TUMD\$PREC
E	DUMMY VARIABLE - BOP BLOCK - FIXED EXCH. RATE PERIOD			TUM\$FIX
E	DUMMY VARIABLE - BOP BLOCK - FOREIGN ACQUISITIONS			TUM\$FRNAQS
E	DUMMY VARIABLE - BOP BLOCK - GOVT INTERVENTION			TUM\$GVNTV
E	DUMMY VARIABLE - BOP BLOCK - NICKEL TAKEOVER			TUM\$NKTKVR
E	DUMMY VARIABLE - BOP BLOCK - ENERGY INVESTMENT			TUM\$PETOGASINV
E	DUMMY VARIABLE - BOP BLOCK - PULP INVESTMENT			TUM\$PULPINV
E	DUMMY VARIABLE - BOP BLOCK - RESERVES FINANCING			TUM\$RSV
E	DUMMY VARIABLE - BOP BLOCK - SALE			TUM\$SALE
E	DUMMY VARIABLE - BOP BLOCK -			TUM\$61ON
E	DUMMY VARIABLE - BOP BLOCK - FOR.EXCH. CRISIS			TUM\$68CRS
E	DUMMY VARIABLE - BOP BLOCK -			TUM72-73
E	DUMMY VARIABLE - BOP BLOCK -			TUM\$3ON

VARIABLES ENDOGENOUS TO THE BALANCE OF PAYMENTS BLOCK (BOTH BEHAVIOURAL & IDENTITIES)

CURR ACCT	- MERCHANDISE BALANCE -	TOC BASIS -	WORLD
CURR ACCT	- MERCHANDISE BALANCE -	BOP BASIS -	WORLD
CURR ACCT	- BALANCE ON TRAVEL -	WORLD	
CURR ACCT	- BALANCE ON INCOME FLOWS -	WORLD	
CURR ACCT	- BAL ON FREIGHT & SHIPPING -	WORLD	
CURR ACCT	- BAL ON OTHER SERVICES -	WORLD	
CURR ACCT	- BAL ON TOTAL SERVICES -	WORLD	
CURR ACCT	- NET TRANSFERS -	WORLD	
CURR ACCT	- TOTAL CURRENT ACCOUNT BALANCE -	WORLD	
CURR ACCT	- TERMS OF TRADE -	GOODS & SERVICES	
CURR ACCT	- TERMS OF TRADE -	GOODS	
CPTL ACCT	- DIRECT INVESTMENT IN CANADA -	U.S.	
CPTL ACCT	- DIRECT INVESTMENT IN CANADA -	ROW	
CPTL ACCT	- DIRECT INVESTMENT IN CANADA -	TOTAL	
CPTL ACCT	- DIRECT INVESTMENT ABROAD -	U.S.	
CPTL ACCT	- DIRECT INVESTMENT ABROAD -	ROW	
CPTL ACCT	- DIRECT INVESTMENT ABROAD -	TOTAL	
CPTL ACCT	- BALANCE ON DIRECT INVESTMENT		
CPTL ACCT	- CANADIAN BONDS	FEDERAL	
CPTL ACCT	- CDN BONDS -	PROVINCIAL & MUNICIPAL	
CPTL ACCT	- CDN BONDS -	NET NEW ISSUES -	CORPORATE
CPTL ACCT	- CDN BONDS -	OUTSTANDING -	CORPORATE
CPTL ACCT	- CDN BONDS -	CORPORATE	
CPTL ACCT	- CANADIAN SECURITIES		
CPTL ACCT	- FOREIGN SECURITIES		
CPTL ACCT	- BALANCE ON PORTFOLIO TRANSACTIONS		
CPTL ACCT	- BALANCE ON LONG-TERM MOVEMENTS		
CPTL ACCT	- BASIC BALANCE		
CPTL ACCT	- OFFICIAL EXCESS DEMAND FOR SPOT EXCHANGE (OFFIC SETT)		
CPTL ACCT	- SPOT EXCHANGE RATE IN \$CAN PER UNIT OF \$US		
CPTL ACCT	- 90-DAY FORWARD EXCHANGE RATE IN \$CAN PER UNIT OF \$US		
CPTL ACCT	- EXPECTED SPOT EXCHANGE RATE		
CPTL ACCT	- BAL ON SHORT TERM MOVEMENTS		
CPTL ACCT	- NET CAPITAL BALANCE		
CPTL ACCT	- NET SHORT TERM INT LIABILITY BTW CDN & ROW (IN US\$)		
CPTL ACCT	- CDN FOREIGN EXCHANGE RESERVES -	(MI OF \$US)	
CPTL ACCT	- CHANGE IN GOVERNMENT FOREIGN EXCHANGE ACCOUNTS		
CPTL ACCT	- STOCK OF US FOREIGN DIRECT INVST IN CDA		
CPTL ACCT	- STOCK OF ROW FOREIGN DIRECT INVST IN CDA		
CPTL ACCT	- STOCK OF FOREIGN DIRECT INVST IN CDA		
CPTL ACCT	- STOCK OF FED SECURITIES HELD BY NONRES		
CPTL ACCT	- STOCK OF PROV & MUNIC SECURITIES HELD BY		
CPTL ACCT	- STOCK OF LONG-TERM CORP SEC HELD BY NONRES		
CPTL ACCT	- STOCK OF SHORT TERM LIABILITY HELD BY		

[illegible]

CPTL ACCT - FOREIGN CAPITAL STOCK - MARKET VALUE

FC

B

NOTE:

IF BEHAVIOURAL THEN THIS IDENTITY IS RENORMALIZED ON FGD.P+MSEC.PUB AS
FGD.P+MSEC.PUB = (FGD.P+MGOV - FGD.P+MGOV(-1)) - TBK.LL.BMS + FGD.P+MSEC.PUB(-1) + TBK.LL.BPMADJ
AND REPLACES THE EQUATION FOR FGD.P+MSEC.PUB IN THE FINANCIAL BLOCK.

Equation No.: 2237

Name: Capital Account -- Direct Investment in Canada -- United States

Mnemonic: TBK.LL.DINVCU\$

Period: 1959-75

TBK.LL.DINVCU\$ / ((IBNAM\$ - IAGFTM\$ + IBNACOS\$ - IAGFTC\$ + INV\$
- INVAG\$ - Y.URPROF.CORP\$ - Y.B.CCA\$) * (TBK.STK.FRINVU\$ / KSTOCK\$))

= + .63029
(5.98)

+ .082757 TDUM66
(3.29)

- .045333 TDUMDEPREC
(2.04)

+ .068310 TDUM68CRS
(3.18)

+ sum(i=1,3)b(i) ((ZUSIBFN\$(-i) + ZUSIBIT\$(-i)
- ZUSRET\$(-i)) / (ZUSYPDSAV\$(-i)
+ ZUSIVAC\$(-i) + ZUSCCAT\$(-i)
+ ZUSRET\$(-i)))

+ sum(i=2,5)c(i) (((PFGFC(-i) + PFGFC(-i-1)
+ PFGFC(-i-2) + PFGFC(-i-3)
+ PFGFC(-i-4)) / 5)
- (((ZUSPDIBFN(-i)
+ ZUSPDIBFN(-i-1)
+ ZUSPDIBFN(-i-2) + ZUSPDIBFN(-i-3)
+ ZUSPDIBFN(-i-4)) / 5) / 100))

i	b(i)	t(i)	c(i)	t(i)
1	-.45509	(3.25)		
2	-.16784	(1.21)	-0.27164	(0.27)
3	-.33357	(1.94)	+2.26319	(3.78)
4			+1.48406	(2.20)
5			-2.60901	(3.74)
sum	-.95649	(4.00)	+0.86660	(1.62)
	(2,3,NONE)		(2,4,NONE)	

$\bar{R}^2 = .850$

SEE = .0205

D.W. = 2.338

Where KSTOCK\$

= (IKAGFTC * PFIAGFTC) + (IKAGFTM * PFIAGFTM) + (IKCNSTC
* PFICNSTC) + (IKCNSTM * PFICNSTM) + (IKCOMMC543.8
* PFICOMMC543.8) + (IKCOMM543.8 * PFICOMMM543.8)
+ (IKFIREC701.37 * PFIFIREC701.37) + (IKFIREM701.37
* PFIFIREM701.37) + (IKFSTYC31.9 * PFIFSTYC31.9)
+ (IKFSTYM31.9 * PFIFSTYM31.9) + (IKMFC * PFIMFC)
+ (IKMFM * PFIMFM) + (IKMIC * PFIMIC) + (IKMIM * PFIMIM)
+ (IKSVCMC * PFISVCMC) + (IKSVCM * PFISVCM)
+ (IKSVHGEDC806 * PFISVHGEDC806) + (IKSVHGEDM806
* PFISVHGEDM806) + (IKSVNCC * PFISVNCC) + (IKSVNCM
* PFISVNCM) + (IKTRADC602.99 * PFITRADC602.99)
+ (IKTRADM602.99 * PFITRADM602.99) + (IKTRSPC501.27
* PFITRSPC501.27) + (IKTRSPM501.27 * PFITRSPM501.27)
+ (IKUTILC572.9 * PFIUTILC572.9) + (IKUTILM572.9
* PFIUTILM572.9)

Equation No: 2238

Name: Capital Account -- Direct Investment in Canada --
Rest of World

Mnemonic: TBK.LL.DINVR\$

Period: 1959-75

TBK.LL.DINVR\$ / ((IBNAM\$ - IAGFTM\$ + IBNACOS\$ - IAGFTCS\$ + INV\$
- INVAG\$ - Y.URPROF.CORP\$ - Y.B.CCA\$) * (TBK.STK.FRINVR\$ / KSTOCK\$))

= + 1.59509
(4.35)

+ 1.57867 (((PFGFC + PFGFC(-1) + PFGFC(-2) + PFGFC(-3)
(1.70) + PFGFC(-4)) / 5) - (((ZOSGFCFWTP
+ ZOSGFCFWTP(-1) + ZOSGFCFWTP(-2)
+ ZOSGFCFWTP(-3) + ZOSGFCFWTP(-4)) / 5) / 100))

+ .082271 TDUMSALE
(1.33)

+ .12346 TDUMPETOGASINV
(2.24)

- .130995 TDUM69
(2.07)

- 1.26556 ZOSREXWT(-1)
(3.96)

+ .038639 (FRATE.GBOND.10Y(-1) - ZUKFRCONSOLS(-1))
(2.40)

$\bar{R}^2 = .771$

SEE = .0581

D.W. = 2.185

Where KSTOCK\$

= (IKAGFTC * PFIAGFTC) + (IKAGFTM * PFIAGFTM) + (IKCNSTC
* PFICNSTC) + (IKCNSTM * PFICNSTM) + (IKCOMMC543.8
* PFICOMMC543.8) + (IKCOMM543.8 * PFICOMM543.8)
+ (IKFIREC701.37 * PFIFIREC701.37) + (IKFIREM701.37
* PFIFIREM701.37) + (IKFSTYC31.9 * PFIFSTYC31.9)
+ (IKFSTYM31.9 * PFIFSTYM31.9) + (IKMFC * PFIMFC)
+ (IKMFM * PFIMFM) + (IKMIC * PFIMIC) + (IKMIM * PFIMIM)
+ (IKSVCMC * PFISVCMC) + (IKSVCCM * PFISVCCM)
+ (IKSVHGDC806 * PFISVHGDC806) + (IKSVHGDM806
* PFISVHGDM806) + (IKSVNCC * PFISVNCC) + (IKSVNCM
* PFISVNCM) + (IKTRADC602.99 * PFITRADC602.99)
+ (IKTRADM602.99 * PFITRADM602.99) + (IKTRSPC501.27
* PFITRSPC501.27) + (IKTRSPM501.27 * PFITRSPM501.27)
+ (IKUTILC572.9 * PFIUTILC572.9) + (IKUTILM572.9
* PFIUTILM572.9)

Equation No.: 2240

Name: Capital Account -- Direct Investment Abroad -- United States

Mnemonic: TBK.LA.DINVFU\$

Period: 1956-75

(TBK.LA.DINVFU\$ * .001) / ((ZUSIBFN\$ + ZUSIBIT\$ - ZUSRET\$) * REXCAN)

= + .0019216
(1.51)

+ .0026121 TDUMFRNAQSN
(5.86)

- .014341 (((PFGFC(-1) + PFGFC(-2) + PFGFC(-3)
(1.63) + PFGFC(-4) + PFGFC(-5)) / 5) -
(((ZUSPDIBFN(-1) + ZUSPDIBFN(-2)
+ ZUSPDIBFN(-3) + ZUSPDIBFN(-4)
+ ZUSPDIBFN(-5)) / 5) / 100))

- .00097995 TDUMNCKTVR
(0.64)

+ sum(i=0,1)b(i) ((S\$(-i) + Y.B.CCA\$(-i) + Y.URPROF.CORP\$(-i))
- (S\$(-i-1) + Y.B.CCA\$(-i-1)
+ Y.URPROF.CORP\$(-i-1)))

+ sum(i=1,2)c(i) (FRATE.IBOND.10Y(-i) - ZUSFRMCSI(-i))

i	b(i)	t(i)	c(i)	t(i)
0	-.00000016465	(1.58)		
1	-.00000032930	(1.58)	-.00065595	(1.66)
2			-.0013119	(1.66)
sum	-.00000049395	(1.58)	-.0019679	(1.66)
	(1,2,NEAR)		(1,2,NEAR)	

$\bar{R}^2 = .897$

SEE = .000558

D.W. = 2.407

Equation No.: 2241

Name: Capital Account -- Direct Investment Abroad -- Rest of World

Mnemonic: TBK.LA.DINVFR\$

Period: 1957-75

TBK.LA.DINVFR\$

= - 3.98612
(0.19)

+ 67.67450 TDUM70
(2.30)

+ 53.32730 TDUM68CRS
(2.50)

+ sum(i=0,2)b(i) (ZOSGFCFWT(-i) - ZOSGFCFWT(-i-1))

+ sum(i=0,2)c(i) (S\$(-i) - S\$(-i-1))

+ sum(i=0,1)d(i) (FRATE.GBOND.10Y(-i) - ZUKFRCONSOLS(-i))

i	b(i)	t(i)	c(i)	t(i)	d(i)	t(i)
0	-7.97359	(3.97)	-.056078	(4.93)	-13.05880	(1.06)
1	-5.94752	(1.80)	-.057510	(5.03)	+38.59720	(2.23)
2	+5.14283	(1.17)	-.004296	(0.26)		
sum	-8.77827	(1.75)	-.11788	(4.24)	+25.53830	(1.55)
	(2,3,NONE)		(2,3,NEAR)		(1,2,NONE)	

$\bar{R}^2 = .952$

SEE = 21.919

D.W. = 1.416

Equation No.: 2244

Name: Capital Account -- Canadian Bonds -- Federal

Mnemonic: TBK.LL.BF\$

Period: 1959-75

TBK.LL.BF\$

```
= + 7.29092
    (0.49)

+ 941.15400      (REXCAN - REXCANEXP)
    (0.74)

+ 101.88800      (FRATE.GBOND.10Y - ZUSFRMCS)
    (2.60)

- .033615        (GDF$ - GDF$(-1))
    (1.39)

- 286.67700      TDUM66
    (4.33)

- 166.81700      TDUM68CRS
    (2.92)

+ sum(i=0,2)b(i) (((ZUSIBFN$(-i) + ZUSIBIT$(-i)
                  - ZUSRET$(-i)) / (ZUSYPDSAV$(-i)
                  + ZUSIVAC$(-i) + ZUSCCAT$(-i)
                  + ZUSRET$(-i))) - ((ZUSIBFN$(-i-1)
                  + ZUSIBIT$(-i-1) - ZUSRET$(-i-1))
                  / (ZUSYPDSAV$(-i-1) + ZUSIVAC$(-i-1)
                  + ZUSCCAT$(-i-1) + ZUSRET$(-i-1))))
                  - (((ZUSIBFN$(-i-1) + ZUSIBIT$(-i-1)
                  - ZUSRET$(-i-1)) / (ZUSYPDSAV$(-i-1)
                  + ZUSIVAC$(-i-1) + ZUSCCAT$(-i-1)
                  + ZUSRET$(-i-1))) - ((ZUSIBFN$(-i-2)
                  + ZUSIBIT$(-i-2) - ZUSRET$(-i-2))
                  / (ZUSYPDSAV$(-i-2) + ZUSIVAC$(-i-2)
                  + ZUSCCAT$(-i-2) + ZUSRET$(-i-2))))))
```

i	b(i)	t(i)
0	-315.34800	(0.62)
1	-647.10700	(1.68)
2	-831.82200	(2.03)
sum	-1794.28000	(1.44)
	(2,3,NONE)	

Equation No.: 2245 (Secondary)

Name: Capital Account - Canadian Bonds - Provincial and Municipal

Mnemonic: TBK.LL.BPM\$

Period: 1959-75

TBK.LL.BPM\$

```
=  - 1159.57000
      (7.93)

+   .54702      (FGD.P+MGOV - FGD.P+MGOV(-1))
      (15.77)

+  940.81400      (FRATE.PROG.BOND - ZUSFRMCS)
      (6.46)

-  812.15200      (((ZUSIBFN$(-1) + ZUSIBIT$(-1) - ZUSRET$(-1))
      (1.32)          / (ZUSYPDSAV$(-1) + ZUSIVAC$(-1)))
      + ZUSCCAT$(-1) + ZUSRET$(-1)
      - ((ZUSIBFN$(-2) + ZUSIBIT$(-2)
      - ZUSRET$(-2)) / (ZUSYPDSAV$(-2)
      + ZUSIVAC$(-2) + ZUSCCAT$(-2)
      + ZUSRET$(-2))))

-   .17044      (GSPENC$ + GSPENQ$)
      (1.80)

-  224.79700      TDUM61
      (1.57)
```

$\bar{R}^2 = .977$

SEE = 124.52

D.W. = 2.202

Equation No.: 2246

Name: Capital Account -- Canadian Bonds, Net New Issues -- Corporate

Mnemonic: TBK.LL.PBNNIC\$

Period: 1959-75

TBK.LL.PBNNIC\$

= - 310.28800
(3.57)

+ .0940192 ((IBNACOS\$ + IBNAM\$ - Y.B.CCA\$
(7.01) - Y.URPROF.CORP\$) - (IBNACOS\$(-1)
+ IBNAM\$(-1) - Y.B.CCA\$(-1) -
Y.URPROF.CORP\$(-1)))

+ 237.13700 TDUM61ON
(6.10)

- 110.73100 TDUMGVINTV
(3.28)

- 165.84500 TDUM67
(3.16)

+ 220.19800 TDUMPULPINV
(5.02)

+ sum(i=0,1)b(i) (FRATE.IBOND.10Y(-i) - ZUSFRMCSI(-i))

i	b(i)	t(i)
0	+277.15500	(4.55)
1	+ 63.9584	(0.80)
sum	+341.113	(4.64)
	(1,2,NONE)	

$\bar{R}^2 = .952$

SEE = 46.826

D.W. = 2.61

Equation No.: 2247

Name: Capital Account -- Canadian Bonds, Outstanding -- Corporate

Mnemonic: TBK.LL.PBOC\$

Period: 1959-75

TBK.LL.PBOC\$

= - 68.29470
(6.70)

- 4.53267 TDUMIREQTX
(0.53)

+ 8.07852 TDUM64
(0.69)

+ sum(i=0,1)b(i) ((FRATE.IBOND.10Y(-i) - ZUSFRMCSI(-i))
* (REXCAN(-i) - REXCANEXP(-i)))

+ sum(i=0,2)c(i) ((IBNACOS(-i) + IBNAM\$(-i) - Y.B.CCA\$(-i)
- Y.URPROF.CORP\$(-i)) - (IBNACOS(-i-1)
+ IBNAM\$(-i-1) - Y.B.CCA\$(-i-1)
- Y.URPROF.CORP\$(-i-1)))

+ sum(i=2,6)d(i) TBK.STK.NRCPB\$(-i)

i	b(i)	t(i)	c(i)	t(i)		
0	+424.45200	(2.38)	+.0031391	(0.97)		
1	+748.01800	(3.52)	-.0061753	(1.41)		
2			+.0015931	(0.31)	-.0044487	(1.30)
3					-.0048093	(1.13)
4					-.0010817	(0.43)
5					+.0067341	(3.42)
6					+.018638	(2.10)
sum	+1172.47000	(3.72)	-.0014432	(0.18)	+.015032	(7.00)
	(1,2,NONE)		(2,3,NONE)		(2,5,NEAR)	

$\bar{R}^2 = .824$

SEE = 8.611

D.W. = 3.002

Equation No.: 2251

Name: Capital Account -- Foreign Securities

Mnemonic: TBK.LA.PT+S\$

Period: 1959-75

TBK.LA.PT+S\$

```
= - 136.37200
    (4.95)

- 27.64200      (FRATE.FCPAPER3M - ZUSFRMCP4M)
    (1.28)

- 456.93600      TDUMRSV
    (16.52)

+ 116.31400      TDUM72-73
    (4.94)

+ sum(i=1,3)b(i)  (ZUSIBFN$(-i) + ZUSIBIT$(-i) - ZUSRET$(-i))

+ sum(i=1,3)c(i)  (((Y.URPROF.CORP$(-1) + IN.VANAG$(-i) + GS$(-i)
+ Y.CCA+MVA$(-i)) - (Y.URPROF.CORPS(-i-1)
+ IN.VANAG$(-i-1) + GS$(-i-1) + Y.CCA+MVA$(-i-1))
- ((Y.URPROF.CORP$(-i-1) + IN.VANAG$(-i-1)
+ GS$(-i-1) + Y.CCA.+MVA$(-i-1))
- (Y.URPROF.CORP$(-i-2) + IN.VANAG$(-i-2)
+ GS$(-i-2) + Y.CCA+MVA$(-i-2))))
```

i	b(i)	t(i)	c(i)	t(i)
1	+6.16851	(2.62)	-.061412	(4.80)
2	-13.95750	(4.18)	-.018135	(1.60)
3	+11.42690	(4.15)	+0.019222	(0.17)
sum	+ 3.63792	(8.54)	-.077625	(2.82)
	(2,3,NONE)		(2,3,NONE)	

$\overline{R}^2 = .987$

SEE = 23.598

D.W. = 1.967

Equation No.: 2256

Name: Official Excess Demand for Spot Exchange (Official Settlements
Balance)

Mnemonic: TBK.BALOF\$

Period: 1951-75

TBK.BALOF\$

= + 108.58500
(1.28)

+ 42268.80000 (TDUMFIX * (1.08 - REXCAN))
(5.51)

- 22.8201 (((PFGNE / PFGNE(-1)) -1) * 100)
(1.50)

- 40.8306 ((1 - TDUMFIX) * (((REXCAN / REXCAN(-1)) -1)
(1.64) * 100))

$\bar{R}^2 = 0.565$

SEE = 276.06

D.W. = 2.089

Equation No.: 620

Name: Spot Exchange Rate in Canadian\$ Per Unit of U.S.\$

Mnemonic: REXCAN

Period: 1954-75

REXCAN

= + 0.005111
(0.08)

+ 0.99522 REXCANEXP
(15.72)

+ 0.0000036483 ((1 - TDUMFIX) * (TBK.BALOF\$ - TBK.BALB\$))
(0.47)

- 0.000063477 ((1 - TDUMFIX) * (((FRATE.FCPAPER3M
(0.71) / FRATE.FCPAPER3M(-1)) - 1) * 100))

$\bar{R}^2 = 0.926$

SEE = 0.013

D.W. = 2.300

Equation No.: 2257

Name: 90-Day Forward Exchange Rate in Canadian\$ Per Unit of U.S.\$

Mnemonic: REXCANFWD

Period: 1954-75

REXCANFWD

= + 1.70417
(0.49)

+ 78.01450 (((1 + (ZUSFRMCP4M / 100))
(6.52) / (1 + (FRATE.FCPAPER3M / 100))) * REXCAN)

+ 20.76120 REXCANEXP
(1.66)

$\bar{R}^2 = 0.977$

SEE = 0.716

D.W. = 1.155

Equation No.: 2258

Name: Expected Spot Exchange Rate

Mnemonic: REXCANEXP

Period: 1954-75

REXCANEXP

```
= + 1.02633
   (29.45)

+ 0.02477      TDUMFIX
   (1.19)

+ 0.01277      ((1 - TDUMFIX(-1)) * REXCAN(-1))
   (0.35)

- 0.01762      ((1 - TDUMFIX) * (.CPIE
   (2.23)        / ((0.6 * ((ZUSPDGNP(-1)
                  / ZUSPDGNP(-2)) - 1) * 100)
                  + (0.3 * ((ZUSPDGNP(-2)
                  / ZUSPDGNP(-3)) - 1) * 100)
                  + (0.1 * ((ZUSPDGNP(-3)
                  / ZUSPDGNP(-4)) - 1) * 100))))

+ 60.71930      (TDUMFIX(-1) * (1 / (TBK.URES$/U(-1)
   (0.54)        / REXCAN(-1))))

-107.89600      ((1 - TDUMFIX)
   (3.33)        * (1 / (TBK.URES$/U(-1) / REXCAN(-1))))
```

$\bar{R}^2 = 0.912$

SEE = 0.014

D.W. = 2.219

Equation No.: 2958

Name: Capital Account -- Foreign Capital Stock -- Market Value

Mnemonic: FC

Period: 1957-75

FC

= + 2748.12000
(1.03)

+ 13300.40000 TDUM73ON
(4.10)

+ 1.97948 TBK.STK.FRINV\$
(14.46)

$\bar{R}^2 = 0.975$

SEE = 3415.5

D.W. = 1.491

ANOTHER PLASTITAB PRODUCT BY LOWE-MARTIN COMPANY INC.

GOVERNMENT DEBT, ASSET DEMAND,
MONEY SUPPLY, INTEREST RATES,
AND THE MORTGAGE MARKET

The financial block of CANDIDE Model 2.0 includes (1) a debt portfolio model, (2) an asset portfolio model, (3) a reaction function for the short term interest rate, (4) term structure equations with intervening variables for the remaining interest rates, and (5) a mortgage market model.

The debt portfolio model of the federal government is an important part of the financial block. The government of Canada is an important user of financial resources in the economy. It relies on the financial resources available in the economy to cover the difference between revenue and expense, to finance changes in foreign exchange reserves, and to lend to CMHC and to other crown corporations. The sources of funds available to the federal government include running down federal cash balances or going to domestic or foreign markets to issue debt. The debt portfolio model links the deficit position of the federal government, changes in the foreign exchange asset accounts, CMHC loan activity, the accruals versus collection problem, and other financing requirements to the composition of debt required to finance such activity.

Total financing requirements are split into two components: (1) requirements financed by running down federal deposits and (2) requirements financed by issuing new interest bearing debt. The level of government deposits in the Canadian institutional framework is a secondary tool of monetary policy. The level of these deposits is determined behaviourally as a function of total government current expenditures (including transfers) and the finance company paper rate. This function can be viewed as the demand function for money of the federal government. The change in the level of deposits is then subtracted from total financing requirements to arrive at what must be financed by issuing new interest bearing debt. The composition of new federal debt is influenced by the rate of inflation, the change in the level of treasury bills held by chartered banks, the ratio of Canadian to U.S. short term interest rates and the lagged stock of federal government debt.

The debt portfolio model has been estimated using a three stage least square technique under constraint. This insures that a consistent set of substitution elasticities exist between competing debt instruments. Estimation under constraint insures that the sum of sources equals uses.

Just as the federal sector is an important user of financial resources in the economy so the nonfinancial

public is a major supplier of such financial resources. The assets of the nonfinancial public are in fact partly composed of debt issued by the federal government. Thus, the other side of the financing problem involves the nonfinancial public.

The nonfinancial public asset portfolio model is composed of nine asset demand functions. During simulations, two of these asset demand functions are replaced by supply equations. The CSB asset demand equation is replaced by a supply equation from the debt portfolio model. The asset demand equation associated with municipal and provincial bonds is replaced by an identity. The identity is the difference between total municipal and provincial government financing requirements and that which is financed abroad. The nine assets in the asset demand model are (1) currency, (2) chartered bank demand deposits, (3) chartered bank savings deposits, (4) chartered bank term deposits, (5) deposits at other financial institutions, (6) deposits at trust and mortgage companies, (7) Canada Savings Bonds held by the public, (8) Government of Canada securities held by the public and (9) provincial and municipal securities held by the public.

The asset portfolio model of the nonfinancial public is also estimated under constraint using a three

stage least square technique. This insures consistent substitution between assets. Included in those things that influence the composition of assets held by the nonfinancial public is a vector of interest rates, one associated with each asset. Also included in the explanation are price and activity levels. The asset demand model associated with the portfolio of the nonfinancial public is used to determine the composition of assets. However in simulation, because we have removed two demand equations and replaced them with supply equations, the asset portfolio model determines not only the composition but also the level of assets by way of the asset multiplier.

In the asset portfolio model currency and demand deposits are determined by two asset demand equations. As a result the key short term interest rate in the model, the finance company paper rate, is specified as a reaction function and not as a renormalized asset demand function.

This key rate is related to: (1) U.S. interest rates, (2) the past history of domestic inflation rates, (3) the level of outstanding government debt, and (4) the level of earning assets of the chartered banks. The remaining interest rates in the model are all specified as term structure equations with intervening variables. There is an

interest rate individually associated with each of the nine assets in the portfolio model. Term structure equations relate these interest rates to the finance company paper rate, to own asset levels and in some cases to the U.S. long term rate. For instance, in the government long term rate equation, the stock of government bonds and the finance company paper rate enter the equation with a positive elasticity. This implies that as the stock of government bonds increases the interest rate associated with this asset will increase, even if there is no change in the finance company paper rate.

The mortgage market model provides input to the business residential investment block and also influences the determination of the conventional and NHA mortgage rates. In the mortgage market model both mortgage approvals and mortgage assets of various financial institutions are determined. The assets of life insurance companies are influenced by personal savings. The earning assets of trust and mortgage companies and chartered banks are determined in the asset portfolio model. Mortgage approvals of insurance companies, of trust and mortgage companies and of chartered banks are influenced by the earning assets of these institutions, interest rates associated with mortgage assets, a proxy for interest rates associated with competing assets (the government bond rate), and the lagged dependent

variable. The level of mortgage assets held in the previous year depresses mortgage approvals in each case. Once we have on hand estimates of mortgage approvals, mortgage assets can be derived from estimated equations which include as right hand side variables lagged mortgage assets and lagged mortgage approvals. From these equations we derive the survival rates associated with new mortgage assets by institution.

One should recognize that money supply (M_1) within CANDIDE Model 2.0 is implicitly determined. It is bound up in the debt portfolio, the asset portfolio, the short rate reaction function, and the long term rate term structure equations outlined above. If the federal government runs a deficit, it must finance it. The debt portfolio determines the composition of financing (the CSB equation in the debt portfolio model produces an estimate of the supply of CSB's). This, plus other inputs to the asset portfolio model including the short rate and the implied long rates, gives an estimate of both the composition and the level of assets which the nonfinancial public will hold. Two of these assets include currency and demand deposits. The financing decision of the federal government eventually affects the money supply (M_1) through the route of debt portfolio and asset portfolio. Remembering that the rate of growth of M_1 enters with a weight of .3 in the inflation expectation

equation, we can easily see the long run impact that
government financing decisions have on wage formation.

VARIABLES DETERMINED OUTSIDE THE MONETARY SECTOR BLOCK

CHANGE IN FOREIGN EXCHANGE ASSETS
 CONSUMER EXPENDITURE - TOTAL DURABLE GDS AS PER NA
 TOTAL HOUSEHOLDS
 PROVINCIAL & MUNICIPAL BONDS
 GOVERNMENT DEFICIT - FEDERAL
 FED GOVT EXPND - TOTAL CURRENT
 GROSS NATIONAL EXPND AT MARKET PRICES
 DEFLATOR GROSS NATIONAL EXPENDITURE (GNE)
 MULTIPLE DWELLING UNITS, STOCK AT END OF YEAR
 SINGLE DETACHED DWELLING UNITS, STOCK AT END OF YEAR
 PRIVATE CONTRACTUAL SAVINGS
 CPTL ACCT - CDN BONDS - PROV & MUNIC
 CPTL ACCT - PROV & MUNIC BONDS ADJ ENTRY
 PRIME COMMERCIAL PAPER 4-6 MONTHS
 BOND RATE, INDUSTRIAL

.FFEA
 CD
 DHOHO
 FGD.P+MGOV
 GDE\$
 GEF.C\$
 GNE\$
 PFGNE
 RMST
 RSST
 SPCS
 TBK.LL.BPM\$
 TBK.LL.BPMADJ
 ZUSFRMCP4M
 ZUSFRMCSI

VARIABLES EXOGENOUS TO THE MONETARY SECTOR BLOCK

CHANGE IN CMHC LOANS
 CHANGE IN OTHER LOANS
 FIXED EXCHANGE RATE REGIME DUMMY
 FLEXIBLE EXCHANGE RATE REGIME DUMMY
 MORTGAGE MARKET DUMMY
 FINANCIAL INTERMEDIATION DUMMY
 BANK ACT DUMMY
 NHA MORTGAGE RATE DUMMY
 ADJUSTMENTS TO A CASH BASIS
 FEDERAL GOVT DEFICIT (SOURCES OF FINANCE) ADJ
 MORTGAGE APPROVALS BY CMHC - MULTIPLE DWELLINGS
 MORTGAGE APPROVALS CMHC - SINGLE DWELLINGS
 RESERVES (PRIMARY) ADJUSTMENT
 REQUIRED RESERVE RATIO ON DEMAND DEPOSITS
 REQUIRED RESERVE RATIO ON SAVINGS DEPOSITS
 SECONDARY RESERVE RATIO

.FLOANS.CMHC
 .FLOANS.OTHER
 DUMMYFIX
 DUMMYFLEX
 DUMMY60
 DUMMY61
 DUMMY67
 DUMMY69
 FADJ.CASHBASIS
 FGDPADJ\$
 FMAP.CMHC.MD
 FMAP.CMHC.SD
 PRESERVES.ADJ
 FRR.DD
 FRR.SD
 FSECRESRATIO

CONVENTIONAL MORTGAGE LENDING RATE
 NHA INTEREST RATES ON APP'D LENDERS - HOMEOWNERSHIP
 AVERAGE MORTGAGE RATE (CONVENTIONAL PLUS NHA)
 YIELD ON LONG TERM PROVINCIAL BONDS
 YIELD ON CANADA SAVINGS BONDS

FRATE.CONMORT B
 FRATE.NHAMORT B
 FRMC = (FRATE.CONMORT + FRATE.NHAMORT) / 2.0
 FRATE.PROG.BOND B
 FRATE.CSB B

NOTE:

IF TBK.LL.BPM\$ IS B THEN THIS BEHAVIOURAL EQUATION IS REPLACED BY
 THE IDENTITY $FGD.P+MSEC.PUB = (FGD.P+MGOV - FGD.P+MGOV(-1)) - TBK.LL.BPM$ + FGD.P+MSEC.PUB(-1) + TBK.LL.BPMADJ$

Equation No.: 2289

Name: Government of Canada Deposits with Bank of Canada and
Chartered Banks

Mnemonic: FDEP.GVC

Period: 1953-76

ln(FDEP.GVC)

= - 5.15510
(5.46)

+ 1.35158 ln(GEF.C\$)
(10.12)

- 0.280276 ln(FRATE.FCPAPER3M)
(1.27)

$\bar{R}^2 = 0.894$

SEE = 0.275

D.W. = 2.050

RHO = -0.305

DEBT PORTFOLIO CHOICE MODEL

	<u>.FGD.CSB</u>	<u>.FGD.BOND</u>	<u>.FGD.TBILL</u>
1. ((PFGNE(-1) / PFGNE(-2)) - 1) * 100	- 78.29397 (3.34)	55.19845 (2.03)	23.09552 (0.88)
2. .FGD.TSEC	0.61967 (12.78)	0.29362 (5.21)	0.08671 (1.59)
3. FGD.TB.CB. - FGD.TB.CB(-1)	- 1.48998 (6.92)	0.85773 (3.43)	0.63225 (2.61)
4. FRATE.FCPAPER3M(-1) / ZUSFRMCP4M(-1)	- 560.16516 (4.39)	728.52952 (4.91)	- 168.36436 (1.17)
5. FGD.TSEC(-1)	0.05140 (5.14)	- 0.05842 (5.03)	0.00701 (0.62)
6. R ²	0.96011	0.75845	0.60939
7. D.W.	1.71775	2.66508	2.74600
8. Equation Number	2292	2293	2291

Equation No.: 2308

Name: Canada Savings Bonds held by Public

Mnemonic: FGD.CSB.PUB

Period: 1952-75

FGD.CSB.PUB

= - 95.52190
(8.78)

+ 0.97678 FGD.CSB
(626.07)

$\bar{R}^2 = 1.000$

SEE = 28.634

D.W. = 1.038

ASSET PORTFOLIO CHOICE MODEL
Dynamic Model (Level Form)

	FOREIGNCY. PUBLIC	FDEP.DDPUB. CB	FDEP.PUB. OFT	FDEP.PUB. TM	FDEP.SAVPUB. CB	FDEP.OTHPUB. CB	FGD.CSB. PUB	FGD.P+MSEC. PUB	FGD.GVCSSEC. PUB
FFINASSET.PUB	0.01602 (2.08)	0.06535 (22.95)	0.04926 (3.84)	0.11915 (23.56)	0.20620 (21.31)	0.21282 (5.15)	0.18645 (4.47)	0.05691 (1.37)	0.08785 (2.00)
FRATE.FCPAPER3M	-28.83315 (4.53)	-235.98056 (8.11)	27.99353 (2.05)		236.82019 (5.92)				
FRATE.GEOND.10Y							-629.16330 (7.30)	-2798.0796 (10.45)	3427.2429 (12.12)
FRATE.TM				93.04168 (1.25)		-93.04168 (1.25)			
FRATE.CSB			-141.81123 (7.71)			-313.81197 (4.10)	455.62320 (5.58)		
FRATE.CDEP.3M				-95.76201 (2.53)		95.76201 (2.53)			
FRATE.PROG.BOND								2504.7910 (11.37)	-2504.7910 (11.37)
GNES / FFINASSET.PUB	681.21015 (2.10)	3466.8340 (3.37)	-2397.6240 (4.54)	7092.1092 (7.53)			-4562.0681 (2.36)	-1999.9972 (1.52)	-2280.4641 (1.67)
DUMMY67			-137.92374 (4.71)	-555.67005 (5.69)		693.59379 (7.04)			
CONSTANT	1298.5629 (4.33)	-1327.0139 (1.33)	-2570.0509 (5.34)	-7924.7061 (9.02)	-6086.6544 (6.79)	-2937.3181 (3.73)	9166.3084 (4.86)	10098.781 (8.28)	2879.2167 (1.93)
(PFCNE / FFINASSET.PUB) * 1000	307.45782 (4.97)	-352.92341 (2.09)	1545.9908 (14.89)	-1192.7080 (6.30)	1845.6523 (5.05)	846.79415 (3.49)	-1173.9220 (2.77)	-3460.4127 (12.43)	1634.0710 (4.67)
FFINASSET.PUB(-1)	0.02987 (3.15)		0.05117 (3.23)			-0.12290 (2.31)	-0.13150 (2.43)	0.12732 (2.34)	-0.12912 (2.32)
LAGGED DEP VAR.	0.17516 (4.67)	0.17516 (4.67)	0.17516 (4.67)	0.17516 (4.67)	0.17516 (4.67)	0.17516 (4.67)	0.17516 (4.67)	0.17516 (4.67)	0.17516 (4.67)
R ²	0.99921	0.99608	0.99961	0.99911	0.99768	0.99751	0.98964	0.99976	0.88286
D.W.	1.54395	1.90073	1.49350	2.58377	2.10657	2.45185	2.04367	2.56635	2.15116
EQUATION NUMBER	2302	2303	2307	2306	2304	2305	2308	2310	2309

Equation No.: 2312

Name: Assets of Life Insurance Companies

Mnemonic: FASSETS.LI

Period: 1955-75

FASSETS.LI - FASSETS.LI(-1)

= + 279.95700
(3.84)

+ 0.32357 SPC\$
(9.82)

$\bar{R}^2 = 0.884$

SEE = 148.400

D.W. = 1.335

RHO = 0.298

Equation No.: 2313

Name: Mortgage Approvals by Chartered Banks

Mnemonic: FMAP.CB

Period: 1955-75

FMAP.CB

=	- 1239.02	
	(1.22)	
+	.05085	FEARNASSET.CB
	(1.71)	
+	606.129	(FRMC / FRATE.GBOND.10Y)
	(0.93)	
+	.07476	FMORTA.CB(-1)
	(0.38)	
+	.16823	FMAP.CB(-1)
	(0.58)	
-	213.522	DUMMY67
	(0.54)	
-	260.712	DUMMY60
	(1.07)	

$\overline{R}^2 = 0.929$

SEE = 232.500

D.W. = 1.979

Equation No.: 2314

Name: Mortgage Approvals by Life Insurance Companies

Mnemonic: FMAP.LI

Period: 1955-75

FMAP.LI

=	- 128.61900 (0.17)	
+	.13580 (3.72)	FASSETS.LI
+	68.18610 (0.15)	(FRMC / FRATE.GBOND.10Y)
-	.24831 (1.94)	FMORTA.LI(-1)
+	.33519 (1.68)	FMAP.LI(-1)
+	29.91610 (0.11)	DUMMY67
+	181.38800 (1.32)	DUMMY60

$\bar{R}^2 = 0.717$

SEE = 168.67

D.W. = 2.693

RHO = -.333

Equation No.: 2315

Name: Mortgage Approvals by Trust and Mortgage Loan Companies

Mnemonic: FMAP.TM

Period: 1960-75

FMAP.TM

=	-	2364.72	
		(0.33)	
	+	.69814	FDEP.PUB.TM
		(2.00)	
	+	1257.61	(FRMC / FRATE.GBOND.10Y)
		(0.23)	
	-	.53517	FMORTA.TM(-1)
		(1.19)	
	+	0.04862	FMAP.TM(-1)
		(0.13)	

$\bar{R}^2 = 0.913$

SEE = 457.66

D.W. = 1.493

Equation No.: 2319

Name: Mortgage Assets of Life Insurance Companies

Mnemonic: FMORTA.LI

Period: 1955-75

FMORTA.LI

= - 100.79100
(3.89)

+ 0.97716 FMORTA.LI(-1)
(171.46)

+ 0.22360 FMAP.LI
(5.18)

+ .46861 FMAP.LI(-1)
(9.83)

$\overline{R}^2 = 1.000$

SEE = 36.859

D.W. = 1.661

Equation No.: 2320

Name: Mortgage Assets of Trust and Mortgage Loan Companies

Mnemonic: FMORTA.TM

Period: 1960-75

FMORTA.TM

= - 73.8842
(2.17)

+ .87386 FMORTA.TM(-1)
(35.20)

+ .46954 FMAP.TM
(7.50)

+ .52007 FMAP.TM(-1)
(6.64)

$\overline{R}^2 = .999$

SEE = 120.32

D.W. = 2.889

RHO = -0.421

Equation No.: 2321

Name: Mortgage Assets of Chartered Banks

Mnemonic: FMORTA.CB

Period: 1955-76

FMORTA.CB

= + 44.6277
(1.79)

+ .90128 FMORTA.CB(-1)
(28.21)

+ .55795 FMAP.CB
(6.71)

+ .23465 FMAP.CB(-1)
(1.93)

$\bar{R}^2 = .998$

SEE = 115.82

D.W. = 2.549

RHO = -0.417

Equation No.: 2326

Name: Government of Canada Deposits with Chartered Banks

Mnemonic: FDEP.GVC.CB

Period: 1954-76

FDEP.GVC.CB

= - 63.9879
(3.58)

+ 1.00693 FDEP.GVC
(103.33)

$\bar{R}^2 = .999$

SEE = 46.321

D.W. = 1.455

RHO = .247

Equation No.: 2335(Primary)

Name: 90 Day Finance Company Paper Rate

Mnemonic: FRATE.FCPAPER3M

Period: 1955-76

FRATE.FCPAPER3M

```
= + 1.95628
    (0.11)

+ .73042      ZUSFRMCP4M
    (4.81)

+ .11998      (DUMMYFIX * ZUSFRMCP4M)
    (0.64)

+ .07084      (DUMMYFLEX * ZUSFRMCP4M)
    (0.20)

- 3.18807      ln( FEARNASSET.CB)
    (1.57)

+ 2.87321      ln( FGD.TSEC)
    (1.32)

+ sum(i=0,3)b(i)  (((PFGNE(-i) / PFGNE(-i-1)) - 1) * 100)
```

i	b(i)	t(i)
0	+.12594	(0.94)
1	+.18141	(2.69)
2	+.17783	(1.67)
3	+.11521	(1.13)
sum	+.60039	(4.02)
(2,4,NONE)		

$\bar{R}^2 = .924$ SEE = .595 D.W. = 2.795 RHO = -.435

Equation No.: 2335(Secondary)

Name: 90 Day Finance Company Paper Rate

Mnemonic: FRATE.FCPAPER3M

Period: 1955-76

FRATE.FCPAPER3M

$$\begin{aligned}
 = & - (1298.5629 + 1327.0139) / (28.83315 + 235.98056) \\
 & + (.01602 + .06535) / (28.83315 + 235.98056) & \text{FFINASSET.PUB} \\
 & + (681.21015 + 3466.8340) / (28.83315 + 235.98056) & \text{(GNE\$} \\
 & & \text{/ FFINASSET.PUB)} \\
 & + (307.45782 - 352.92341) / (28.83315 + 235.98056) & \text{((PFGNE} \\
 & & \text{/ FFINASSET.PUB * 1000)} \\
 & + .17516 / (28.83315 + 235.98056) & \text{(FCURRENCY.PUBLIC(-1)} \\
 & & \text{+ FDEP.DDPUB.CB(-1))} \\
 & - 1 / (28.83315 + 235.98056) & \text{(FCURRENCY.PUBLIC} \\
 & & \text{+ FDEP.DDPUB.CB)} \\
 & + 0.02987 / (28.83315 + 235.98056) & \text{FFINASSET.PUB(-1)}
 \end{aligned}$$

This equation is a renormalization of the equations in the asset portfolio model for FCURRENCY.PUBLIC and FDEP.DDPUB.CB (Equations 2302, 2303).

Equation No.: 2336

Name: Government of Canada Bond Yield Averages 10 Years and Over

Mnemonic: FRATE.GBOND.10Y

Period: 1955-76

FRATE.GBOND.10Y

= - 18.0175
(2.05)

+ 2.05128 ln(FGD.BOND)
(2.11)

+ .56435 ZUSFRMCSI
(4.90)

+ sum(i=0,3)b(i) FRATE.FCPAPER3M(-i)

i	b(i)	t(i)
0	+.17966	(4.06)
1	+.03249	(0.75)
2	-.00662	(0.17)
3	+.06231	(1.86)
sum	+.26784	(2.02)

(2,4,NONE)

$\bar{R}^2 = .986$ SEE = .216 D.W. = 0.748 RHO = .608

Equation No.: 2225

Name: McLeod, Young, Weir Bond Yield, Average of Ten Industrials

Mnemonic: FRATE.IBOND.10Y

Period: 1955-76

FRATE.IBOND.10Y

= + .75060
(7.26)

+ .71335 ZUSFRMCSI
(10.00)

+ sum(i=0,3)b(i) FRATE.FCPAPER3M(-i)

i	b(i)	t(i)
0	+.18270	(5.65)
1	+.11217	(4.77)
2	+.06068	(2.85)
3	+.02822	(0.99)

sum +.38376 (4.63)

(2,4,NONE)

$\bar{R}^2 = .995$

SEE = .13839

D.W. = 1.823

Equation No.: 2337

Name: Chartered Bank Prime Business Loan Rate

Mnemonic: FRATE.CBLEND

Period: 1952-76

FRATE.CBLEND

=	-	.98684	
		(0.56)	
	+	.20629	FRATE.FCPAPER3M
		(3.88)	
	-	3.26648	DUMMY67
		(7.91)	
	+	.33614	FRATE.CBLEND(-1)
		(6.87)	
	+	.55074	(FRATE.FCPAPER3M * DUMMY67)
		(8.75)	
	+	.45447	ln(CD)
		(1.90)	

$\bar{R}^2 = 0.986$

SEE = .208

D.W. = 1.116

RHO = .463

Equation No.: 2338

Name: Interest on Trust Company 5 Year Guaranteed Investment
Certificates

Mnemonic: FRATE.TM

Period: 1955-76

FRATE.TM

= + .69103
(1.06)

+ .51101 FRMC
(4.36)

+ .23980 FRATE.CBDEP.3M
(4.61)

+ .09856 FRATE.CBDEP.3M(-1)
(2.04)

$\bar{R}^2 = .973$

SEE = .32520

D.W. = .249

RHO = .900

Equation No.: 2339

Name: Chartered Bank 90-Day Deposit Receipts

Mnemonic: FRATE.CBDEP.3M

Period: 1954-76

FRATE.CBDEP.3M

= - 2.83776
(5.62)

+ .67572 FRATE.CBLEND
(3.09)

+ .45791 FRATE.TM
(2.18)

+ .60185 DUMMY61
(1.68)

$\bar{R}^2 = .936$

SEE = .573

D.W. = 2.081

Equation No.: 2340

Name: Conventional Mortgage Lending Rate

Mnemonic: FRATE.CONMORT

Period: 1959-75

FRATE.CONMORT

= + 23.40910
(2.42)

+ 1.10749 FRATE.GBOND.10Y
(24.18)

- 39.46330 (FMAP.TOT / (PFGNE * DHOHO))
(2.14)

- 21.15320 ((RSST + RMST) / DHOHO)
(2.29)

$\bar{R}^2 = 0.995$

SEE = .116

D.W. = 1.524

Equation No.: 2341

Name: NHA Mortgage Rate

Mnemonic: FRATE.NHAMORT

Period: 1959-75

FRATE.NHAMORT

= + 41.73020
(2.43)

+ 0.96002 FRATE.GBOND.10Y
(8.60)

- 33.81300 (FMAP.TOT / (PFGNE * DHOHO))
(1.19)

- 38.79250 ((RSST + RMST) / DHOHO)
(2.39)

+ 0.55351 DUMMY69
(2.86)

$\bar{R}^2 = .990$

SEE = 0.177

D.W. = 2.131

RHO = -0.230

Equation No.: 2343

Name: Yield on Long Term Provincial Bonds

Mnemonic: FRATE.PROG.BOND

Period: 1955-75

FRATE.PROG.BOND

= - 1.11044
(0.64)

+ 0.22070 ln(FGD.P+MSEC.PUB)
(0.97)

+ 0.61934 ZUSFRMCSI
(4.97)

+ sum(i=0,3)b(i) FRATE.FCPAPER3M(-i)

i	b(i)	t(i)
0	+0.19452	(4.31)
1	+0.09301	(2.47)
2	+0.05016	(1.46)
3	+0.06596	(1.69)
sum	+0.40365	(2.94)
	(2,4,NONE)	

$\bar{R}^2 = 0.993$

SEE = .157

D.W. = 1.274

RHO = .284

Equation No.: 2344

Name: Yield on Canada Savings Bonds

Mnemonic: FRATE.CSB

Period: 1954-75

FRATE.CSB

= - 7.9678
(2.90)

+ 1.18726 ln(FGD.CSB)
(3.23)

+ sum(i=0,2)b(i) FRATE.FCPAPER3M(-i)

i	b(i)	t(i)
0	+0.43162	(8.07)
1	+0.10712	(1.99)
2	+0.16295	(2.35)

sum +0.70169 (6.03)

(2,3,NONE)

$\bar{R}^2 = .955$

SEE = .404

D.W. = .728

RHO = .620

ANOTHER PLASTITAB PRODUCT BY LOWE-MARTIN COMPANY INC.

DATA APPENDIX

Contained in this appendix is a listing of all variables found in CANDIDE Model 2.0. The listing contains (1) the mnemonic, (2) the span over which the data series is available, (3) a description of the series, (4) the units, and (5) the source. A more detailed description of each data series associated with CANDIDE Model 2.0 is also available. This includes the information available in this appendix, a more detailed description of the source sighted, and a listing of the data. This listing is available upon request.

TABLE 3
NAMING CONVENTIONS FOR VARIABLES IN CANDIDE MODEL 2.0

<u>INITIAL CHARACTERS</u>	<u>DESCRIPTION</u>
.	Variable in change formulation
C	Consumption
D	Demography
E	Pseudo Real Domestic Product
F	Financial
G	Government
GE	Government Expenditure
GEF	Governement Expenditure - Federal
GEH	Government Expenditure - Hospitals
GEL	Government Expenditure - Municipal and Local
GEP	Government Expenditure - Provincial
GR	Government Revenue
GRF	Government Revenue - Federal
GRH	Government Revenue - Hospital
GRL	Government Revenue - Municipal and Local
GRP	Government Revenue - Provincial
H	Average Weekly Hours
I	Investment
IED	Investment - Economic Depreciation
IET	Investment - Effective Corporate Tax Rate
IK	Capital Stock
ILF	Investment - Economic Life

<u>INITIAL CHARACTERS</u>	<u>DESCRIPTION</u>
INV	Inventory Stock
IRL	Investment - Depreciation Rules
ITC	Investment - Tax Credit
ITD	Investment - Tax Depreciation
IUC	Investment - User Cost
IZ	Investment - Discounted Capital Cost
M	Manhours Worked
N	Employment
PFC	Consumption Final Demand Deflator
PFGE	Government Final Demand Deflator
PFGEF	Government Final Demand Deflator - Federal
PFGEH	Government Final Demand Deflator - Hospitals
PFGEL	Government Final Demand Deflator - Municipal and Local
PFGEPR	Government Final Demand Deflator - Provincial
PFI	Investment Final Demand Deflator
PFINV	Inventory Stock Final Demand Deflator
PF##	Pseudo Final Demand Deflator
PTE.CA	Export Final Demand Deflator (Canadian \$)
PTE.US	Export Final Demand Deflator (U.S. \$)
PTM.CA	Import Final Demand Deflator (Canadian \$)
PTM.US	Import Final Demand Deflator (U.S. \$)
PX	Industry Value Added Deflator
R	Residential
S	Personal Savings

<u>INITIAL CHARACTERS</u>	<u>DESCRIPTION</u>
TB	Balance of Payments
TE	Exports
TM	Imports
W	Wage Rate
WB	Wagebill
X	Real Domestic Product
Y	Nonwage Income Items
Z	Foreign Variables
ZFR	Foreign Variables - France
ZGFR	Foreign Variables - Germany
ZIT	Foreign Variables - Italy
ZJA	Foreign Variables - Japan
ZOECD	Foreign Variables - OECD
ZOS	Foreign Variables - OECD less U.S.
ZUK	Foreign Variables - UK
ZUS	Foreign Variables - US

VARIABLE	FROM	TO	DESCRIPTION	UNITS	SOURCE
.CPIE	195301 -	197601	INFLATION EXPECTATION	10006 \$	TRANSFORMATION
.CFEA	195501 -	197601	CHANGE IN FOREIGN EXCHANGE ASSETS	10006 \$	CANSIM
.CFEA.DF.S.DIFF	195501 -	197501	MISC. FOREIGN EXCH., TRANSACTIONS EXCL FROM BOP & GOVT ACCTS	10006 \$	TRANSFORMATION
.FC	195601 -	197601	CHANGE IN TOTAL GOVT FINANCING REQUIREMENTS	10006 \$	TRANSFORMATION
.FCD.BOND	195601 -	197601	CHANGE IN GOVT OF CANADA BONDS (EXCL CSB'S AND TBILLS)	10006 \$	TRANSFORMATION
.FCD.CSB	195201 -	197601	CHANGE IN CANADA SAVINGS BONDS	10006 \$	TRANSFORMATION
.FCD.TBILL	195601 -	197601	CHANGE IN TREASURY BILLS	10006 \$	TRANSFORMATION
.FCD.TSEC	195101 -	197601	CHANGE IN GOVT OF CANADA SECURITIES	10006 \$	CANSIM
.FLOAN.S.CMHC	195501 -	197601	CHANGE IN CMHC LOANS	10006 \$	CANSIM
.FLOAN.S.OTHER	195601 -	197601	CHANGE IN OTHER LOANS	10006 \$	STATCAN MAT ACC
.INV	194701 -	197601	INVENTORY CHANGE - TOTAL ECONOMY	10006 \$	STATCAN MAT ACC
.INVAG	194701 -	197601	INVENTORY CHANGE - AGRICULTURE	10006 \$	STATCAN MAT ACC
.INVAOS	194701 -	197601	INVENTORY CHANGE - FINISHED GOODS TOTAL	10006 \$	STATCAN MAT ACC
.INVFARM\$	194701 -	197601	CHANGE IN FARM INVENTORIES	10006 \$	STATCAN MAT ACC
.INVFG	194801 -	197601	INVENTORY CHANGE - FORESTRY	10006 \$	STATCAN MAT ACC
.INVFSTY	194701 -	197601	INVENTORY CHANGE - GRAIN IN COMMERCIAL CHANNEL	10006 \$	TRANSFORMATION
.INVFICC\$	194701 -	197601	INVENTORY CHANGE - GOVERNMENT	10006 \$	STATCAN MAT ACC
.INVG	194701 -	197601	INVENTORY CHANGE - ACCOUNTING ADJUSTMENT	10006 \$	STATCAN MAT ACC
.INVMF ADJ	194701 -	197601	INVENTORY CHANGE - MANUFACTURING DUMMIES	10006 \$	TRANSFORMATION
.INVMFDR	194701 -	197601	INVENTORY CHANGE - MANUFACTURING DUMMIES	10006 \$	STATCAN MAT ACC
.INMFND	194701 -	197601	INVENTORY CHANGE - MINING	10006 \$	STATCAN MAT ACC
.INMVI	194701 -	197601	INVENTORY CHANGE - NON AGRICULTURE	10006 \$	STATCAN MAT ACC
.INMNA G	194701 -	197601	INVENTORY CHANGE - ACCOUNTING ADJUSTMENT NON AGRICULTURE	10006 \$	TRANSFORMATION
.INMNA G DJ	194701 -	197601	INVENTORY CHANGE - OTHER INDUSTRIES	10006 \$	STATCAN MAT ACC
.INMOTH	194701 -	197601	INVENTORY CHANGE - RAM MATERIALS TOTAL	10006 \$	TRANSFORMATION
.INMVM	194701 -	197601	INVENTORY CHANGE - RETAIL AND WHOLESALE TRADE	10006 \$	STATCAN MAT ACC
.INMVRAD	194701 -	197601	CONSUMER EXPENDITURE - TOTAL	10003 PERSONS	DEPT OF NATL DEF
C	194701 -	197601	ARMED FORCES ABROAD	10003 PERSONS	STATCAN COMS EXP
.C.AFAB	195301 -	197601	ARMED FORCES	10000	BRENNERS ASSN CAN
.C.ARFURC	195301 -	197601	TRANS-CANADA PIPELINE DUMMY	10000	DEPT OF NATL REV
.C.DPPL	195301 -	197601	LEGAL DRINKING AGE RATIO - 15-19 AGE GROUP	10000	STATCAN YEARBOOK
.C.DRPOP15.19R	195301 -	197601	LEGAL DRINKING AGE RATIO - 20-24 AGE GROUP	10000	STATCAN YEARBOOK
.C.DRPOP20.24R	195301 -	197601	LEGAL DRINKING AGE RATIO - 25-29 AGE GROUP	10000	STATCAN YEARBOOK
.C.DUTYFREE	195301 -	197601	TERRITORY DUTYFREE IMPORTS, PER YEAR	10000	STATCAN YEARBOOK
.C.FEDEL	195301 -	197601	FEDERAL ELECTION DUMMY	10000	STATCAN YEARBOOK
.C.HMPURY	195301 -	197601	POPULATION COVERED BY GOVT HOSPITAL INSURANCE	10000	STATCAN HOOSPSTAT
.C.HQSBED	195301 -	197601	HOSPITALS, RATED BED CAPACITY, GENERAL & ALLIED SPECIAL	10000	STATCAN YEARBOOK
.C.MEPDRT	195301 -	197601	POPULATION COVERED BY MEDICARE	10000	TRANSFORMATION
.C.MEN	194701 -	197601	CONSUMER EXPENDITURE - CONSUMPTION POST-ADJUSTMENT	10006 \$	STATCAN TRANS
.C.MG.ADJ	194701 -	197601	CONSUMER EXPENDITURE - CONSUMPTION PRE-ADJUSTMENT	10000	DEPT OF NATL REV
.C.RPV	195301 -	197501	PASSENGER VEHICLE REGISTRATIONS	10003	STATCAN
.C.RR.SP MAX	195301 -	197501	MAX ANNUAL INDIV CONTRIB TO REGISTERED RETIREMENT SAVINGS PLANS	10000	DEPT OF LABOUR
.C.RTV	195301 -	197501	TOTAL VEHICLES REGISTRATION - ALL TYPES	10000	STATCAN COMS EXP
.C.SOLIA I	195301 -	197501	STRIKE MANDAYS LOST, AUTOMOBILE INDUSTRY	10006 \$	STATCAN MAT ACC
.C.TVHH	195301 -	197501	HOUSEHOLDS WITH TELEVISION SETS	10006 \$	TRANSFORMATION
.C\$	194701 -	197601	CONSUMER EXPENDITURE - TOTAL	10006 \$	STATCAN MAT ACC
.CADJ	194701 -	197601	CONSUMER EXPENDITURE - ACCOUNTING CHECK C	10006 \$	STATCAN MAT ACC
CD	194701 -	197601	CONSUMER EXPENDITURE - TOTAL DURABLE GOODS AS PER NAT.ACC.	10006 \$	STATCAN MAT ACC

VARIABLE	FROM	TO	DESCRIPTION	UNITS	SOURCE
CNR50	194701	- 197601	CONSUMER EXPENDITURE - GAS	10006 \$ 1971	STATCAN MAT ACC
CNR50\$	194701	- 197601	CONSUMER EXPENDITURE - GAS	10006 \$	STATCAN MAT ACC
CNR60	194701	- 197601	CONSUMER EXPENDITURE - OTHER FUELS	10006 \$ 1971	STATCAN MAT ACC
CNR60\$	194701	- 197601	CONSUMER EXPENDITURE - OTHER FUELS	10006 \$	STATCAN MAT ACC
CNT30	194701	- 197601	CONSUMER EXPENDITURE - GASOLINE OIL AND GREASE	10006 \$ 1971	STATCAN MAT ACC
CNT30\$	194701	- 197601	CONSUMER EXPENDITURE - GASOLINE OIL AND GREASE	10006 \$	STATCAN MAT ACC
CPI	195001	- 197601	PERMANENT INCOME PRDXY	10000	CANSIN
CPIP	195301	- 197601	CONSUMER PLUS GOVERNMENT EXPENDITURE - CONSUMER SHARE, DOCTORS	10006 \$ 1971	TRANSFORMATION
CR-CJSH19	194701	- 197601	CONSUMER EXPENDITURE - CONSUMER SHARE, HOSPITAL CARE, 1/2	RATIO	TRANSFORMATION
CR-CJSH20-10	194701	- 197601	CONSUMER PLUS GOVERNMENT EXPENDITURE - CONSUMER SHARE, HOSPITALS	RATIO	TRANSFORMATION
CR-CJSH29	194701	- 197601	CONSUMER EXPENDITURE - TOTAL SERVICES AS PER NAT-ACC.	10006 \$ 1971	STATCAN MAT ACC
CS	194701	- 197601	CONSUMER EXPENDITURE - ACCOUNTING CHECK CS	10006 \$	TRANSFORMATION
CS\$	194701	- 197601	CONSUMER EXPENDITURE - NET EXPENDITURE ABROAD	10006 \$ 1971	STATCAN MAT ACC
CS\$ADJ	194701	- 197601	CONSUMER EXPENDITURE - NET EXPENDITURE ABROAD	10006 \$	STATCAN MAT ACC
CS\$A10	194701	- 197601	CONSUMER EXPENDITURE - ACCOUNTING CHECK CSAD	10006 \$ 1971	TRANSFORMATION
CS\$A10\$	194701	- 197601	CONSUMER EXPENDITURE - TRAVEL EXPENDITURE SERVICES	10006 \$ 1971	STATCAN MAT ACC
CS\$A10ADJ	194701	- 197601	CONSUMER EXPENDITURE - TRAVEL EXPENDITURE SERVICES	10006 \$	STATCAN MAT ACC
CS\$A11	194701	- 197601	CONSUMER EXPENDITURE - TRAVEL EXPENDITURE SERVICES	10006 \$ 1971	STATCAN MAT ACC
CS\$A11\$	194701	- 197601	CONSUMER EXPENDITURE - MILITARY PAY AND ALLOWANCES ABROAD	10006 \$ 1971	STATCAN MAT ACC
CS\$A12	194701	- 197601	CONSUMER EXPENDITURE - MILITARY PAY AND ALLOWANCES ABROAD	10006 \$	STATCAN MAT ACC
CS\$A13	194701	- 197601	CONSUMER EXPENDITURE - GIFTS IN KIND (NET)	10006 \$ 1971	STATCAN MAT ACC
CS\$A14	194701	- 197601	CONSUMER EXPENDITURE - TRAVEL EXPENDITURE RECEIPTS	10006 \$ 1971	STATCAN MAT ACC
CS\$A14\$	194701	- 197601	CONSUMER EXPENDITURE - TRAVEL EXPENDITURE RECEIPTS	10006 \$	STATCAN MAT ACC
CS\$E30\$	194701	- 197601	CONSUMER EXPENDITURE - RECREATION AND CULTURAL SERVICES	10006 \$ 1971	STATCAN MAT ACC
CS\$E40	194701	- 197601	CONSUMER EXPENDITURE - EDUCATION AND CULTURAL SERVICES	10006 \$	STATCAN MAT ACC
CS\$E40\$	194701	- 197601	CONSUMER EXPENDITURE - LAUNDRY AND DRY CLEANING	10006 \$ 1971	STATCAN MAT ACC
CS\$H50	194701	- 197601	CONSUMER EXPENDITURE - DOMESTIC SERVICES	10006 \$ 1971	STATCAN MAT ACC
CS\$H60	194701	- 197601	CONSUMER EXPENDITURE - OTHER HOUSEHOLD SERVICES	10006 \$ 1971	STATCAN MAT ACC
CS\$H70	194701	- 197601	CONSUMER EXPENDITURE - MEDICAL CARE	10006 \$	STATCAN MAT ACC
CS\$H70\$	194701	- 197601	CONSUMER EXPENDITURE - ACCOUNTING CHECK CS\$H10	10006 \$ 1971	TRANSFORMATION
CS\$H70\$	194701	- 197601	CONSUMER EXPENDITURE - DOCTORS (GROSS FEES)	10006 \$ 1971	STATCAN MAT ACC
CS\$H70\$	194701	- 197601	CONSUMER EXPENDITURE - DENTIST (GROSS FEES)	10006 \$ 1971	STATCAN MAT ACC
CS\$H70\$	194701	- 197601	CONSUMER EXPENDITURE - DENTIST (GROSS FEES)	10006 \$ 1971	STATCAN MAT ACC
CS\$H70\$	194701	- 197601	CONSUMER EXPENDITURE - OTHER HEALTH PRACTITIONERS (GROSS FEES)	10006 \$ 1971	STATCAN MAT ACC
CS\$H70\$	194701	- 197601	CONSUMER PLUS GOVERNMENT EXPENDITURE - DOCTORS	10006 \$ 1971	TRANSFORMATION
CS\$H70\$	194701	- 197601	CONSUMER PLUS GOVERNMENT EXPENDITURE - DOCTORS	10006 \$ 1971	TRANSFORMATION
CS\$H70\$	194701	- 197601	CONSUMER EXPENDITURE - HOSPITAL CARE AND THE LIKE	10006 \$ 1971	STATCAN MAT ACC
CS\$H70\$	194701	- 197601	CONSUMER EXPENDITURE - HOSPITAL CARE AND THE LIKE	10006 \$ 1971	STATCAN MAT ACC
CS\$H70\$	194701	- 197601	CONSUMER EXPENDITURE - HOSPITAL CARE AND THE LIKE	10006 \$	STATCAN MAT ACC

VARIABLE	FROM	TO	DESCRIPTION	UNITS	SOURCE
DFP0P1 5.24	194601 -	197501	FEMALE POPULATION - AGE GROUP 15-24	10**3	TRANSFORMATION
DFP0P2 0.24	194601 -	197501	FEMALE POPULATION - AGE GROUP 20-24	10**3	VITAL STATISTICS
DFP0P2 5.29	194601 -	197501	FEMALE POPULATION - AGE GROUP 25-29	10**3	TRANSFORMATION
DFP0P2 5.44	194601 -	197501	FEMALE POPULATION - AGE GROUP 30-34	10**3	VITAL STATISTICS
DFP0P3 0.34	194601 -	197501	FEMALE POPULATION - AGE GROUP 35-39	10**3	VITAL STATISTICS
DFP0P3 5.39	194601 -	197501	FEMALE POPULATION - AGE GROUP 40-44	10**3	VITAL STATISTICS
DFP0P4 0.44	194601 -	197501	FEMALE POPULATION - AGE GROUP 45-49	10**3	TRANSFORMATION
DFP0P4 5.49	194601 -	197501	FEMALE POPULATION - AGE GROUP 50-54	10**3	VITAL STATISTICS
DFP0P5 0.54	194601 -	197501	FEMALE POPULATION - AGE GROUP 55-59	10**3	VITAL STATISTICS
DFP0P5 5.59	194601 -	197501	FEMALE POPULATION - AGE GROUP 60-64	10**3	VITAL STATISTICS
DFP0P6 0.64	194601 -	197501	FEMALE POPULATION - AGE GROUP 65 AND OVER	10**3	VITAL STATISTICS
DFP0P6 5.64	194601 -	197501	GRADUATE UNIVERSITY ENROLMENT FULL TIME	10**3	ED - STATCAN
DGR - UNIV ENROL .PT	194901 -	197501	GRADUATE UNIVERSITY ENROLMENT PART TIME	10**3	ED - STATCAN
DMH0H0	195001 -	197501	TOTAL HOUSEHOLDS	10**3	TRANSFORMATION
DLF	195301 -	197501	TOTAL LABOUR FORCE (ADJUSTING ENTRY)	10**3	TRANSFORMATION
DLFADJ	195301 -	197501	LABOUR FORCE (ADJUSTING ENTRY)	10**3	VITAL STATISTICS
DMAR	194601 -	197501	TOTAL MARRIAGES	10**3	TRANSFORMATION
DMLE14 .19	195301 -	197501	MALE LABOUR FORCE - AGE GROUP 14-19	10**3	TRANSFORMATION
DMLE20 .24	195301 -	197501	MALE LABOUR FORCE - AGE GROUP 20-24	10**3	TRANSFORMATION
DMLE25 .54	195301 -	197501	MALE LABOUR FORCE - AGE GROUP 25-54	10**3	TRANSFORMATION
DMLE55+	195301 -	197501	MALE LABOUR FORCE - AGE GROUP 55 AND OVER	10**3	TRANSFORMATION
DMPARTATE14 .19	195301 -	197501	MALE PART RATE - AGE GROUP 14-19	RATE PER 10**2	LF SURVEY
DMPARTATE20 .24	195301 -	197501	MALE PART RATE - AGE GROUP 20-24	RATE PER 10**2	LF SURVEY
DMPARTATE25 .54	195301 -	197501	MALE PART RATE - AGE GROUP 25-54	RATE PER 10**2	LF SURVEY
DMPARTATE55+	195301 -	197501	MALE PART RATE - AGE GROUP 55 AND OVER	RATE PER 10**2	LF SURVEY
DMPOP	194601 -	197501	TOTAL MALE POPULATION	10**3	TRANSFORMATION
DMPOP0 .04	194601 -	197501	MALE POPULATION - AGE GROUP 0-4	10**3	VITAL STATISTICS
DMPOP05 .09	194601 -	197501	MALE POPULATION - AGE GROUP 5-9	10**3	VITAL STATISTICS
DMPOP10 .14	194601 -	197501	MALE POPULATION - AGE GROUP 10-14	10**3	VITAL STATISTICS
DMPOP14	194601 -	197501	MALE POPULATION - AGE GROUP 14-18	10**3	TRANSFORMATION
DMPOP14 .19	194601 -	197501	MALE POPULATION - AGE GROUP 14-18	10**3	TRANSFORMATION
DMPOP14+	194601 -	197501	MALE POPULATION - AGE GROUP 14 AND OVER	10**3	VITAL STATISTICS
DMPOP15 .19	194601 -	197501	MALE POPULATION - AGE GROUP 15-19	10**3	VITAL STATISTICS
DMPOP20 .24	194601 -	197501	MALE POPULATION - AGE GROUP 20-24	10**3	VITAL STATISTICS
DMPOP25 .29	194601 -	197501	MALE POPULATION - AGE GROUP 25-29	10**3	TRANSFORMATION
DMPOP25 .54	194601 -	197501	MALE POPULATION - AGE GROUP 30-34	10**3	VITAL STATISTICS
DMPOP30 .34	194601 -	197501	MALE POPULATION - AGE GROUP 35-39	10**3	VITAL STATISTICS
DMPOP35 .39	194601 -	197501	MALE POPULATION - AGE GROUP 40-44	10**3	VITAL STATISTICS
DMPOP40 .44	194601 -	197501	MALE POPULATION - AGE GROUP 45-49	10**3	VITAL STATISTICS
DMPOP45 .49	194601 -	197501	MALE POPULATION - AGE GROUP 50-54	10**3	VITAL STATISTICS
DMPOP50 .54	194601 -	197501	MALE POPULATION - AGE GROUP 55-59	10**3	VITAL STATISTICS
DMPOP55 .59	194601 -	197501	MALE POPULATION - AGE GROUP 60-64	10**3	TRANSFORMATION
DMPOP55+	194601 -	197501	MALE POPULATION - AGE GROUP 65 AND OVER	10**3	VITAL STATISTICS
DMPOP60 .64	194601 -	197501	MALE POPULATION - AGE GROUP 65 AND OVER	10**3	VITAL STATISTICS
DMPOP65+	194601 -	197501	UNEMPLOYMENT RATE - MALE - AGED 25-54	10**0	STATCAN
DMURATE25 .54	195301 -	197501	NET FAMILY FORMATION	10**3	TRANSFORMATION
DMURATE55+	195301 -	197501	NET FAMILY FORMATION	10**3	TRANSFORMATION

VARIABLE	FROM	TO	DESCRIPTION	UNITS	SOURCE
NETFAMIMH	194601	197401	NET FAMILY IMMIGRATION	10**3	TRANSFORMATION
NETIMH	194701	197501	NET IMMIGRATION (CENSUS YEAR BASIS)	10**3	TRANSFORMATION
DNFHD	195001	197501	TOTAL NON-FAMILY HOUSEHOLDS	10**3	TRANSFORMATION
DPARTRATE	195301	197501	TOTAL PART RATE	RATE PER 10**2	VITAL STATISTICS
DPPOP	195601	197501	TOTAL POPULATION CANADA	10**3	TRANSFORMATION
DPPOP14+	194601	197501	POPULATION - 14 AND OVER	10**3	ED - STATCAN
DP SNUNUNVENROL	194901	197501	POST-SECONDARY NON-UNIVERSITY SCHOOL ENROLLMENT	RATE PER 10**2	TRANSFORMATION
DR DEATHS-MAR	195001	197401	RATIO OF DEATHS OF MARRIED PERS TO TOT FAM IN PREVIOUS PERIOD	RATE PER 10**2	TRANSFORMATION
DR EL+ SEC-ENROL	195001	197501	RATIO OF ELE & SEC SCHOOL ENROLLMENT TO POPULATION 05-19	RATE PER 10**2	TRANSFORMATION
DR GUEENROL-FT	194901	197501	RATIO OF FULL-TIME GRADUATE ENROLLMENT TO POPULATION 20-29	RATE PER 10**2	TRANSFORMATION
DR GUEENROL-PT	194901	197501	RATIO OF PART-TIME GRADUATE ENROLLMENT TO POPULATION 20-29	RATE PER 10**2	TRANSFORMATION
DR PSNUNENROL	194901	197501	RATIO OF NON-UNIV POST-SEC ENROL TO POPULATION 15-24	RATE PER 10**2	TRANSFORMATION
DR UGR ENROL-FT	194901	197501	RATIO OF FULL-TIME UNDERGRAD ENROLLMENT TO POPULATION 15-24	RATE PER 10**2	TRANSFORMATION
DR UGR ENROL-PT	194901	197501	RATIO OF PART-TIME UNDERGRAD ENROLLMENT TO POPULATION 20-29	RATE PER 10**2	TRANSFORMATION
DRATE-DIVORC	195001	197501	RATIO OF DIVORCES TO TOTAL FAMILIES IN THE PREVIOUS PERIOD	RATE PER 10**2	TRANSFORMATION
DRATE-FAMHD	195001	197501	RATIO OF FAMILY HOUSEHOLDS TO FAMILIES	RATE PER 10**2	CENSUS DATA
DRATE-MAR	194601	197501	RATIO OF MARRIAGES TO POPULATION 14+	RATE PER 10**2	TRANSFORMATION
DRATE-NETFAMIMH	194801	197501	RATIO OF NET FAMILY IMMIGRATION TO NET IMMIGRATION	RATE PER 10**2	CNHC-ECC
DRATE-MFHD	195001	197501	RATIO OF NON-FAMILY HOUSEHOLDS TO TOTAL POPULATION	RATE PER 10**2	CENSUS DATA
DSECLF	195301	197501	SECONDARY LABOUR FORCE	10**3	TRANSFORMATION
DSECLF PART RATE	195301	197501	SECONDARY LABOUR FORCE PART RATE	RATE PER 10**2	TRANSFORMATION
DTOTLF	195001	197501	TOTAL LABOUR FORCE - LF SURVEY	10**3	LF SURVEY
DUG ENROL-FT	194901	197501	UNDERGRADUATE UNIVERSITY ENROLLMENT FULL TIME	10**3	ED - STATCAN
DUG ENROL-PT	194901	197501	UNDERGRADUATE UNIVERSITY ENROLLMENT PART TIME	10**3	ED - STATCAN
DU10UMH	195001	197601	UNEMPLOYMENT DUMMY VARIABLE	10**0	ECC
DUMHYFIX	195201	197601	FIXED EXCHANGE RATE REGIME DUMMY	10**0	ECC
DUMHYFLEX	195201	197601	FLEXIBLE EXCHANGE RATE REGIME DUMMY	10**0	ECC
DUMHY60	195201	197601	MORTGAGE MARKET DUMMY	10**0	ECC
DUMHY61	195201	197601	FINANCIAL INTERMEDIATION DUMMY	10**0	ECC
DUMHY65	195001	197601	DUMMY VARIABLE - MAN-HOURS BLOCK	10**0	ECC
DUMHY66	195001	197601	DUMMY VARIABLE - DEMOGRAPHIC BLOCK	10**0	ECC
DUMHY67	195201	197601	BANK ACT DUMMY	10**0	ECC
DUMHY69	195201	197601	MHA-MORTGAGE RATE DUMMY	10**0	ECC
DUMHY70	195001	197601	DUMMY VARIABLE - AVERAGE HOURLY EARNING BLOCK	10**0	ECC
DUM67	195301	197601	DUMMY VARIABLE - CONSUMPTION BLOCK	10**0	ECC
DUM69	195301	197601	DUMMY VARIABLE - CONSUMPTION BLOCK	10**0	ECC
DUM690N	195301	197601	DUMMY VARIABLE - CONSUMPTION BLOCK	10**0	ECC
DUM710N	195301	197601	DUMMY VARIABLE - CONSUMPTION BLOCK	10**0	ECC
DUM7374	195001	197501	DUMMY VARIABLE - AVERAGE HOURLY EARNING BLOCK	10**0	ECC
DUNVENROL	194901	197501	TOTAL UNIVERSITY ENROLLMENT	10**3	TRANSFORMATION
DURATE	195301	197501	UNEMPLOYMENT RATE	RATE PER 10**2	LF SURVEY
D66+67-	195301	197601	DUMMY VARIABLE - INVENTORY BLOCK	10**0	ECC
D70+71-	195301	197601	DUMMY VARIABLE - INVENTORY BLOCK	10**0	ECC
D71+72-	195301	197601	DUMMY VARIABLE - INVENTORY BLOCK	10**0	ECC
D74+75-	195301	197601	DUMMY VARIABLE - INVENTORY BLOCK	10**0	ECC
EAGF11.21+41.7	195601	197401	EDP AGRICULTURE, FISHING AND TRAPPING INDUSTRIES	10**6 1971\$	OUTPT CONVERSION
ECN514.04.421	195601	197401	EDP CONSTRUCTION INDUSTRIES	10**6 1971\$	OUTPT CONVERSION
ECONH543.48	195601	197401	EDP COMMUNICATION INDUSTRIES	10**6 1971\$	OUTPT CONVERSION
EFIRE701.37	195601	197401	EDP FINANCE, INSURANCE AND REAL ESTATE INDUSTRIES	10**6 1971\$	OUTPT CONVERSION

VARIABLE	FROM	TO	DESCRIPTION	UNITS	SOURCE
EFSTY31.9	195601	197401	EDP, FORESTRY INDUSTRIES	10006 1971\$	OUTPUT CONVERSION
EGHDS821	195601	197401	EDP, HOSPITALS	10006 1971\$	OUTPUT CONVERSION
EGHDS821	195601	197401	EDP, PUBLIC ADMINISTRATION-FEDERAL DEFENCE	10006 1971\$	OUTPUT CONVERSION
EGPAFD902	195601	197401	EDP, PUBLIC ADMINISTRATION-FEDERAL NON DEFENCE	10006 1971\$	OUTPUT CONVERSION
EGPAFN0909	195601	197401	EDP, PUBLIC ADMINISTRATION-LOCAL GOVERNMENT	10006 1971\$	OUTPUT CONVERSION
EGPAL951	195601	197401	EDP, PUBLIC ADMINISTRATION-PROVINCIAL GOVERNMENT	10006 1971\$	OUTPUT CONVERSION
EGPAP931	195601	197401	EDP, PRIMARY, SECONDARY AND NON UNIV POST SEC ED	10006 1971\$	OUTPUT CONVERSION
EGP52	195601	197401	EDP, INDIRECT TAXES - COMMODITIES	10006 1971\$	OUTPUT CONVERSION
E18TCD	195601	197401	EDP, INDIRECT TAXES - NON-COMMODITIES	10006 1971\$	OUTPUT CONVERSION
E18TCD	195601	197401	EDP, WOOD INDUSTRIES	10006 1971\$	OUTPUT CONVERSION
ENFOR251.59	195601	197401	EDP, FURNITURE AND FIXTURE INDUSTRIES	10006 1971\$	OUTPUT CONVERSION
ENFOR261.68	195601	197401	EDP, IRON AND STEEL INDUSTRIES	10006 1971\$	OUTPUT CONVERSION
ENFOR291.94	195601	197401	EDP, NON FERROUS METAL INDUSTRIES	10006 1971\$	OUTPUT CONVERSION
ENFOR295.98	195601	197401	EDP, METAL FABRICATING INDUSTRIES	10006 1971\$	OUTPUT CONVERSION
ENFOR301.09	195601	197401	EDP, MACHINERY (EXC ELEC MACH) INDUSTRIES	10006 1971\$	OUTPUT CONVERSION
ENFOR311.10	195601	197401	EDP, NON AUTO TRANSPORT EQUIPMENT INDUSTRIES	10006 1971\$	OUTPUT CONVERSION
ENFOR321+26.9	195601	197401	EDP, MOTOR VEHICLE INDUSTRIES (EXC PARTS AND ACC)	10006 1971\$	OUTPUT CONVERSION
ENFOR323+24	195601	197401	EDP, ELECTRICAL PRODUCTS INDUSTRIES	10006 1971\$	OUTPUT CONVERSION
ENFOR325	195601	197401	EDP, FOOD AND BEVERAGE INDUSTRIES	10006 1971\$	OUTPUT CONVERSION
ENFOR331.39	195601	197401	EDP, TOBACCO PRODUCTS INDUSTRIES	10006 1971\$	OUTPUT CONVERSION
ENFOR351.59	195601	197401	EDP, RUBBER AND PLASTICS PRODUCTS INDUSTRIES	10006 1971\$	OUTPUT CONVERSION
ENFD01.01.09	195601	197401	EDP, LEATHER INDUSTRIES	10006 1971\$	OUTPUT CONVERSION
ENFD01.51.53	195601	197401	EDP, TEXTILE INDUSTRIES	10006 1971\$	OUTPUT CONVERSION
ENFD01.62+65	195601	197401	EDP, PAPER AND ALLIED INDUSTRIES	10006 1971\$	OUTPUT CONVERSION
ENFD01.72.79	195601	197401	EDP, PRINTING, PUBLISHING AND ALLIED INDUSTRIES	10006 1971\$	OUTPUT CONVERSION
ENFD01.81+89	195601	197401	EDP, PETROLEUM AND COAL PRODUCTS INDUSTRIES	10006 1971\$	OUTPUT CONVERSION
ENFD02.31.49	195601	197401	EDP, CHEMICAL AND CHEMICAL PRODUCTS INDUSTRIES	10006 1971\$	OUTPUT CONVERSION
ENFD02.71.74	195601	197401	EDP, MISCELLANEOUS MANUFACTURING INDUSTRIES	10006 1971\$	OUTPUT CONVERSION
ENFD02.86+89	195601	197401	EDP, COAL MINING INDUSTRIES	10006 1971\$	OUTPUT CONVERSION
ENFD03.65+69	195601	197401	EDP, CRD PET, NATL GAS SERV. IN CID-TO MINING INDUST.	10006 1971\$	OUTPUT CONVERSION
ENFD03.72.79	195601	197401	EDP, METAL MINING INDUSTRIES	10006 1971\$	OUTPUT CONVERSION
ENFD03.91+99	195601	197401	EDP, NON METAL MINING (EXCEPT COAL) INDUSTRIES	10006 1971\$	OUTPUT CONVERSION
EM1C161	195601	197401	EDP, OTHER COMPETING INDUSTRIES	10006 1971\$	OUTPUT CONVERSION
EM1CP64+96.9	195601	197401	EDP, SUBSIDIES	10006 1971\$	OUTPUT CONVERSION
EM1HS1.9	195601	197401	EDP, COMMERCIAL SERVICES INDUSTRIES	10006 1971\$	OUTPUT CONVERSION
EM1NM71.87	195601	197401	EDP, COLLEGE AND UNIVERSITY EDUCATION	10006 1971\$	OUTPUT CONVERSION
ER ENT00D	195601	197401	EDP, OTHER NONCOMMERCIAL SERVICES INDUSTRIES	10006 1971\$	OUTPUT CONVERSION
ESUB	195601	197401	EDP, WHOLESALE AND RETAIL TRADE INDUSTRIES	10006 1971\$	OUTPUT CONVERSION
ESVCM	195601	197401	EDP, TRANSPORTATION INDUSTRIES	10006 1971\$	OUTPUT CONVERSION
ESVNC	195601	197401	EDP, UTILITY INDUSTRIES	10006 1971\$	OUTPUT CONVERSION
ETRAD6.02+9.9	195601	197401	EDP, HIGH POWER MONEY	10006 1971\$	OUTPUT CONVERSION
ETRS0501+27	195601	197401	ADJUSTMENTS TO A CASH BASIS	10006 1971\$	OUTPUT CONVERSION
EUTL1572.79	195601	197401	ASSETS OF LIFE INSURANCE COMPANIES	10006 1971\$	OUTPUT CONVERSION
F-HPMONEY	195001	197601	TOTAL FOREIGN CAPITAL IN CANADA	10006 1971\$	OUTPUT CONVERSION
FADJ.CASHBASIS	195601	197601	CURRENCY OUTSIDE BANKS - TOTAL	10006 1971\$	TRANSFORMATION
FASSET S.LI	195601	197501		10006 \$	CANSHM
FC	195701	197501		10006 \$	BANK OF CANADA
FCURENCY.PUBLIC	195001	197601		10006 \$	TRANSFORMATION

VARIABLE	FROM	TO	DESCRIPTION	UNITS	SOURCE
FDD	194701	197601	FINAL DOMESTIC DEMAND	10**6 \$ 1971	TRANSFORMATION
FDD	194701	197601	FINAL DOMESTIC DEMAND	10**6 \$	TRANSFORMATION
FDDADJ	194601	197601	FINAL DOMESTIC DEMAND ADJUSTMENT	10**6 \$ 1971	STATCAN MAT ACC
FDDP.DDPUB.CB	195001	197601	DEM. DEPOSITS OF PUBLIC HELD BY CHARTERED BANKS	10**6 \$	CAN\$IM
FDDP.GVC	195001	197601	GOVT OF CANADA DEPOSITS WITH BANK OF CAN (CHARGED BANKS)	10**6 \$	TRANSFORMATION
FDDP.GVC.CB	195001	197601	CDN DOLLAR DEPOSITS AT THE CHARTERED BANKS OF THE GOVT OF CAN	10**6 \$	CAN\$IM
FDDP.OTHDPUB.CB	195001	197601	CDN DOLLAR DEPOSITS - OTHER (NOTICE - CHARTERED BANKS)	10**6 \$	CAN\$IM
FDDP.PUB.CB	195001	197601	TOTAL CDN DOLLAR DEPOSITS	10**6 \$	TRANSFORMATION
FDDP.PUB.DFI	195001	197601	CDN DOLLAR DEPOSITS - OTHER FINANCIAL INTER	10**6 \$	TRANSFORMATION
FDDP.PUB.TM	195101	197501	CDN DOLLAR DEPOSITS - TRUST & MORTGAGE LOAN COMPANIES	10**6 \$	TRANSFORMATION
FDDP.SAMPUB.CB	195001	197601	CDN DOLLAR DEPOSITS - PERSONAL SAVINGS - CHARTERED BANKS	10**6 \$	CAN\$IM
FDDP.NCTECB.BC	195001	197601	DEPOSITS AND NOTES OF CHARTERED BANKS HELD BY BANK OF CANADA	10**6 \$	CAN\$IM
FEARNASSET.CB	195001	197601	EARNING ASSETS OF CHARTERED BANKS	10**6 \$	TRANSFORMATION
FINASSET.PUB	195301	197601	FINANCIAL ASSETS OF PUBLIC	10**6 \$	TRANSFORMATION
FGO.BOND	195501	197601	GOVT OF CANADA BONDS (EXCL CDB'S AND TBILLS)	10**6 \$	CAN\$IM
FGO.CSB	195001	197601	CANADA SAVINGS BONDS	10**6 \$	TRANSFORMATION
FGD.CSB.OTH	195001	197601	CANADA SAVINGS BONDS HELD BY THE FINANCIAL INSTITUTIONS	10**6 \$	TRANSFORMATION
FGD.CSB.PUB	195001	197601	CANADA SAVINGS BONDS HELD BY PUBLIC	10**6 \$	TRANSFORMATION
FGD.GVCSSEC.OTH	195501	197501	GOVT OF CANADA BONDS HELD BY FINANCIAL INSTITUTIONS	10**6 \$	TRANSFORMATION
FGD.GVCSSEC.PUB	195301	197501	GOVT OF CANADA SECURITIES OTHER THAN CSB'S HELD BY PUBLIC	10**6 \$	TRANSFORMATION
FGD.P+MGD	195201	197501	PROVINCIAL AND MUNICIPAL BONDS	10**6 \$	BANK OF CANADA
FGD.P+MSEC.PUB	195201	197501	PROVINCIAL AND MUNICIPAL SECURITIES HELD BY CANADIANS	10**6 \$	TRANSFORMATION
FGD.TB.CB	195301	197601	CDN GOVT TREASURY BILLS HELD BY CHARTERED BANKS	10**6 \$	CAN\$IM
FGD.TB.OTH	195501	197601	TREASURY BILLS HELD BY BNK OF CAN & FIN INST OTHER THAN CHAR BNK	10**6 \$	TRANSFORMATION
FGD.TB.ILL	195501	197601	TOTAL TREASURY BILLS	10**6 \$	CAN\$IM
FGD.TSEC	195001	197601	GOVT OF CAN DIRECT-GUAR SECURITIES TOTAL OUTSIDE GOVT ACCOUNT	10**6 \$	TRANSFORMATION
FGD.FADJ\$	195601	197601	FEDERAL GOVT DEFICIT (SOURCES OF FINANCE) ADJUSTMENT	10**6 \$	CAN HOUSING STAT
FMAP.CB	195401	197601	MORTGAGE APPROVALS BY CHARTERED BANKS	10**6 \$	CDN HOUSING STAT
FMAP.CMHC.MD	195501	197501	MORTGAGE APPROVALS BY CMHC - MULTIPLE DWELLINGS	10**6 \$	CDN HOUSING STAT
FMAP.CMHC.SD	195501	197501	MORTGAGE APPROVALS BY CMHC - SINGLE DWELLINGS	10**6 \$	CDN HOUSING STAT
FMAP.LI	195201	197601	MORTGAGE APPROVALS BY LIFE INSURANCE COMPANIES	10**6 \$	CDN HOUSING STAT
FMAP.NURS	195701	197501	TOTAL NEW RESIDENTIAL SINGLE MORTGAGE APPROVALS	10**6 \$	CAN HOUSING STAT
FMAP.OFI	195701	197601	MORTGAGE APPROVALS - OTHER FINANCIAL INSTITUTIONS	10**6 \$	CMHC
FMAP.PMRS	195701	197601	TOTAL PRIVATE NEW RESIDENTIAL SINGLE MORTGAGE APPROVALS	10**6 \$	CMHC
FMAP.PMRT	195701	197601	TOTAL PRIVATE NEW RESIDENTIAL MORTGAGE APPROVALS	10**6 \$	CMHC
FMAP.TM	195501	197601	MORTGAGE APPROVALS BY TRUST & MORTGAGE LOAN COMPANIES	10**6 \$	TRANSFORMATION
FMAP.TOT	195501	197501	MORTGAGE APPROVALS BY TRUST & MORTGAGE LOAN COMPANIES	10**6 \$	TRANSFORMATION
FMONEY.SUPPLY	195001	197501	TOTAL PRIVATE MORTGAGE APPROVALS	10**6 \$	TRANSFORMATION
FMORTA.CB	195001	197601	MONEY SUPPLY - NARROW DEFINITION	10**6 \$	CAN\$IM
FMORTA.LI	195401	197501	MORTGAGE ASSETS OF CHARTERED BANKS	10**6 \$	TRANSFORMATION
FMORTA.TM	195401	197501	MORTGAGE ASSETS OF LIFE INSURANCE COMPANIES	10**6 \$	CAN\$IM
FRATE.CBDEP.3M	195401	197601	CHARTERED BANK 90-DAY DEPOSIT RECEIPTS	RATE PER 10**2	CAN\$IM
FRATE.CBLEND	195001	197601	CHARTERED BANK PRIME BUSINESS LCN RATE (MONTH END)	RATE PER 10**2	CAN\$IM
FRATE.COMORT	195101	197601	CONVENTIONAL MORTGAGE LENDING RATE	RATE PER 10**2	BANK OF CANADA
FRATE.CSB	195001	197501	YIELD ON CANADA SAVINGS BONDS	RATE PER 10**2	CAN\$IM
FRATE.FCPAPE R3M	195201	197601	90-DAY FINANCE CO. PAPER RATE	RATE PER 10**2	CAN\$IM
FRATE.FCUND.10Y	195001	197601	GOVT OF CANADA BOND YIELD AVERAGES 10 YRS & OVER	RATE PER 10**2	CAN\$IM
FRATE.IBOND.10Y	195001	197601	MCLEOD, YOUNG, WIER BOND YIELD AVERAGE OF 10 INDUSTRIALS	RATE PER 10**2	CAN\$IM

VARIABLE	FROM	TO	DESCRIPTION	UNITS	SOURCE
195401	195001	-	MHA INTEREST RATES ON APP'D LENDERS - HOMEOWNERSHIP	RATE PER 10**2	CAN\$IM
195001	197601	-	YIELD ON PROVINCIAL GOVERNMENT BONDS	RATE PER 10**2	CAN\$IM
195101	197601	-	INTEREST ON TRUST CD 5 YR GUARANTEED INVESTMENT CERTIFICATES	RATE PER 10**2	CAN\$IM
195001	197601	-	RESERVES (PRIMARY) ADJUSTMENT	10**6 \$	TRANSFORMATION
195001	197601	-	RESERVES ON COM DOLLAR DEPOSITS	10**6 \$	TRANSFORMATION
195001	197601	-	RESERVES ON GOVT OF CANADA AND OTHER DEPOSITS	10**6 \$	TRANSFORMATION
195001	197601	-	AVERAGE OF CONVENTIONAL AND A-H.A. MORTGAGE RATES	RATE PER 10**2	BANK OF CANADA
195401	197601	-	REQUIRED RESERVE RATIO ON DEPOSIT DEPOSITS	RATE PER 10**2	BANK OF CANADA
195201	197601	-	REQUIRED RESERVE RATIO ON SAVINGS DEPOSITS	RATE PER 10**2	TRANSFORMATION
195301	197601	-	SECONDARY RESERVE RATIO	10**3 \$	CAN TAX FOUND
194901	197801	-	FAMILY ALLOWANCE BENEFIT RATE PER ANNUM CHILD 0-9	10**3 \$	CAN TAX FOUND
194901	197801	-	FAMILY ALLOWANCE BENEFIT RATE PER ANNUM CHILD 10-15	10**3 \$	CAN TAX FOUND
194901	197801	-	YOUTH ALLOWANCE BENEFIT RATE PER ANNUM CHILD 16-17	10**3 \$	CAN TAX FOUND
195001	197601	-	CANADA PENSION PLAN DEATH BENEFITS	10**6 \$	CPP STATS BULL
195001	197601	-	CANADA PENSION PLAN DISABILITY BENEFITS	10**6 \$	CPP STATS BULL
195001	197601	-	CANADA PENSION PLAN RETIREMENT BENEFITS	10**6 \$	CPP STATS BULL
195001	197601	-	CANADA PENSION PLAN SURVIVING SPONSOR BENEFITS	10**6 \$	CPP STATS BULL
195001	197601	-	CANADA PENSION PLAN - PENSION INDEX	10**6 \$	CPP STATS BULL
194601	197801	-	CANADA PENSION PLAN - WT SCHEME FOR PHASING IN RET BENEFITS	10**0	CAN TAX FOUND
194801	197501	-	CANADA PENSION PLAN - APPROXIMATE WAGE INDEX	10**3	CAN TAX FOUND
195001	197801	-	CANADA PENSION PLAN DEATH BENEFIT	10**3 \$	CAN TAX FOUND
195201	197801	-	CANADA PENSION PLAN DISABILITY BEN ANNU RATE	10**3	CAN TAX FOUND
195001	197801	-	CANADA PENSION PLAN DEPENDENTS BEN ANNU RATE	10**3 \$	CAN TAX FOUND
195001	197801	-	CANADA PENSION PLAN ATTILMENT PENSION ANNU RATE	10**3 \$	CAN TAX FOUND
195201	197801	-	CANADA PENSION PLAN SURVIVORS PEN ANNU RATE	10**3 \$	CAN TAX FOUND
194601	197601	-	GOVERNMENT DEFICIT	10**6 \$	STATCAN NAT ACC
195001	197601	-	UIB NO. OF BENEFICIARIES OF UNEMPLOYMENT INSURANCE	10**3	TRANSFORMATION
195001	197601	-	UIB NO. OF EMPLOYED PERSONS COVERED BY UNEMPLOYMENT INSURANCE	10**0	TRANSFORMATION
195201	197601	-	OLD AGE SECURITY RATE OF OAP BEN IN GIS	10**3	TRANSFORMATION
195201	197601	-	OLD AGE SECURITY OLD AGE PENSION PART RATE	10**3	NET AFFAIRS
195201	197501	-	NO OF RECIPIENTS WAR VETERANS ALLOWANCES	10**3	NET AFFAIRS
195001	197501	-	NO OF WMI AND 2 VETERANS RECEIVING BENEFITS	RATIO	TRANSFORMATION
195001	197501	-	UIB RATIO OF COVERED EMPLOYEES TO TOTAL EMPLOYEES	10**6 \$	STATCAN NAT ACC
194601	197601	-	GOVERNMENT DEFICIT - FEDERAL	10**6 \$	STATCAN NAT ACC
194601	197601	-	GOVERNMENT DEFICIT - HOSPITAL	10**6 \$	STATCAN NAT ACC
194601	197601	-	GOVERNMENT DEFICIT - LOCAL	10**6 \$	STATCAN NAT ACC
194601	197601	-	GOVERNMENT DEFICIT - PROVINCIAL	10**3	CPP STATS BULL
195001	197601	-	CANADA PENSION PLAN NO OF MEN DISABILITY BENEFICIARIES	10**3	CPP STATS BULL
195001	197601	-	CANADA PENSION PLAN NO OF MEN DEPENDENTS BENEFICIARIES	10**3	CPP STATS BULL
195001	197601	-	CANADA PENSION PLAN NO OF MEN RETIREMENT PENSION RECIPIENTS	10**3	CPP STATS BULL
195001	197601	-	CANADA PENSION PLAN NO OF MEN SURVIVORS BENEFICIARIES	10**3	CPP STATS BULL
195001	197601	-	CANADA PENSION PLAN - NO OF DEATH BENEFITS	10**6 \$	STATCAN NAT ACC
195001	197601	-	GOVT EXPND - TOTAL CURRENT (EXCL INTERGOV TRANSFERS)	10**6 \$	STATCAN NAT ACC
194601	197601	-	GOVT EXPND - CAPITAL ASSISTANCE, PERSONS	10**6 \$	STATCAN NAT ACC
194601	197601	-	FED GOVT EXPND - CAPITAL ASSISTANCE	10**6 \$	STATCAN NAT ACC
194601	197601	-	GOVT EXPND - CURRNT GDSERVS, TOTAL	10**6 \$	STATCAN NAT ACC
194701	197601	-	GOVT EXPND - CURRNT GDSERVS, TOTAL ADJUSTING ENTRY	10**6 \$	TRANSFORMATION
194701	197601	-	GOVT EXPND - CURRNT GDSERVS, DEPRECIATION	10**6 \$	STATCAN NAT ACC

VARIABLE	FROM	TO	DESCRIPTION	UNITS	SOURCE
GE.CGS.CCA \$	194601	197601	GOVT EXPND - CURNT GDSESRVS, DEPRECIATION	10**6 \$	STATCAN NAT ACC
GE.CGS.DMP	194701	197601	GOVT EXPND - CURNT GDSESRVS, DEFENCE, MILITARY PAY	10**6 \$	TRANSFORMATION
GE.CGS.DMP \$	194601	197601	GOVT EXPND - CURNT GDSESRVS, DEFENCE, MILITARY PAY	10**6 \$	TRANSFORMATION
GE.CGS.GS	194701	197601	GOVT EXPND - CURNT GDSESRVS, NET CF DEPRECIATION	10**6 \$	TRANSFORMATION
GE.CGS.GS \$	194601	197601	GOVT EXPND - CURNT GDSESRVS, NET CF DEPRECIATION	10**6 \$	TRANSFORMATION
GE.CGS.DGS	194701	197601	GOVT EXPND - CURNT GDSESRVS, OTHER NET OF DEPRECIATION	10**6 \$	TRANSFORMATION
GE.CGS.DGS \$	194601	197601	GOVT EXPND - CURNT GDSESRVS, OTHER NET OF DEPRECIATION	10**6 \$	TRANSFORMATION
GE.CGS.HS	194701	197601	GOVT EXPND - CURNT GDSESRVS, WAGES & SALARIES, SLI	10**6 \$	TRANSFORMATION
GE.CGS.HS \$	194601	197601	GOVT EXPND - CURNT GDSESRVS, WAGES & SALARIES, SLI	10**6 \$	TRANSFORMATION
GE.CGS	194601	197601	GOVT EXPND - CURNT GDSESRVS, TOTAL	10**6 \$	STATCAN NAT ACC
GE.INT \$	194601	197601	GOVT EXPND - INTEREST PAYMENTS	10**6 \$	TRANSFORMATION
GE.INT \$	194601	197601	GOVT EXPND - INTEREST PAYMENTS	10**6 \$	TRANSFORMATION
GE.INTV.BDS	194601	197601	GOVT EXPND - INVST BLDGS OTHER THAN SCHOOLS	10**6 \$	TRANSFORMATION
GE.INTV.BDS \$	194601	197601	GOVT EXPND - INVST BLDGS OTHER THAN SCHOOLS	10**6 \$	TRANSFORMATION
GE.INTV.CAPF	194701	197601	GOVT EXPND - INVST TOTAL CAPITAL FORMATION	10**6 \$	STATCAN NAT ACC
GE.INTV.CAPF \$	194601	197601	GOVT EXPND - INVST TOTAL CAPITAL FORMATION	10**6 \$	TRANSFORMATION
GE.INTV.CAPADJ	194701	197601	GOVT EXPND - INVST TOTAL CAPITAL FORMATION ADJ ENTRY	10**6 \$	TRANSFORMATION
GE.INTV.HWY	194701	197601	GOVT EXPND - INVST HIGHWAY CONSTRUCTION	10**6 \$	STATCAN NAT ACC
GE.INTV.HWY \$	194601	197601	GOVT EXPND - INVST HIGHWAY CONSTRUCTION	10**6 \$	TRANSFORMATION
GE.INTV.ME	194701	197601	GOVT EXPND - INVST MACH & EQUIP	10**6 \$	STATCAN NAT ACC
GE.INTV.ME \$	194601	197601	GOVT EXPND - INVST MACH & EQUIP	10**6 \$	TRANSFORMATION
GE.INTV.NR	194701	197601	GOVT EXPND - INVST NONRES CONSTRUCTION	10**6 \$	STATCAN NAT ACC
GE.INTV.NR \$	194601	197601	GOVT EXPND - INVST NONRES CONSTRUCTION	10**6 \$	TRANSFORMATION
GE.INTV.NRADJ	194701	197601	GOVT EXPND - INVST NONRES CONSTRUCTION ADJ ENTRY	10**6 \$	STATCAN NAT ACC
GE.INTV.DEN	194601	197601	GOVT EXPND - INVST OTHER ENGINEERING CONSTRUCTION	10**6 \$	STATCAN NAT ACC
GE.INTV.DEN \$	194601	197601	GOVT EXPND - INVST OTHER ENGINEERING CONSTRUCTION	10**6 \$	TRANSFORMATION
GE.INTV.RES	194701	197601	GOVT EXPND - INVST RESIDENTIAL	10**6 \$	STATCAN NAT ACC
GE.INTV.RES \$	194601	197601	GOVT EXPND - INVST RESIDENTIAL	10**6 \$	TRANSFORMATION
GE.INTV.SCH	194601	197601	GOVT EXPND - INVST SCHOOL BLDG CONSTRUCTION	10**6 \$	STATCAN NAT ACC
GE.INTV.SCH \$	194601	197601	GOVT EXPND - INVST SCHOOL BLDG CONSTRUCTION	10**6 \$	TRANSFORMATION
GE.K.BUS	195401	197601	GOVT CAP STOCK - BLDGS OTHER THAN SCHOOLS	10**6 \$	TRANSFORMATION
GE.K.CAPF	195401	197601	GOVT CAP STOCK - TOTAL CAPITAL FORMATION	10**6 \$	TRANSFORMATION
GE.K.HWY	195401	197601	GOVT CAP STOCK - HIGHWAY CONSTRUCTION	10**6 \$	TRANSFORMATION
GE.K.ME	195401	197601	GOVT CAP STOCK - MACH & EQUIP	10**6 \$	TRANSFORMATION
GE.K.NR	195401	197601	GOVT CAP STOCK - NONRES CONSTRUCTION	10**6 \$	TRANSFORMATION
GE.K.DEN	195401	197601	GOVT CAP STOCK - OTHER ENGINEERING CONSTRUCTION	10**6 \$	TRANSFORMATION
GE.K.RES	195401	197601	GOVT CAP STOCK - RESIDENTIAL	10**6 \$	TRANSFORMATION
GE.K.SCH	195401	197601	GOVT CAP STOCK - SCHOOLS BLDG CONSTRUCTION	10**6 \$	TRANSFORMATION
GE.SUB \$	194601	197601	GOVT EXPND - SUBSIDIES	10**6 \$	TRANSFORMATION
GE.TIG \$	194601	197601	GOVT EXPND - TRFES TOTAL INTERGOVERNMENT	10**6 \$	TRANSFORMATION
GE.TNR \$	194601	197601	GOVT EXPND - TRFES TO NON RESIDENTS	10**6 \$	TRANSFORMATION
GE.TPE \$	194601	197601	DUMMY VARIABLE - TRFES TO PRNS	10**6 \$	TRANSFORMATION
GEDF.MAC	194601	197601	DUMMY VARIABLE - GOVERNMENT EXPENDITURE BLOCK	10**6 \$	TRANSFORMATION
GEDF.TP67	194601	197601	DUMMY VARIABLE - GOVERNMENT EXPENDITURE BLOCK	10**6 \$	TRANSFORMATION
GEDF.TP71	194601	197601	DUMMY TIME SERIES - GOVERNMENT EXPENDITURE BLOCK	10**6 \$	TRANSFORMATION
GEDT.ME	194601	197601	DUMMY VARIABLE - GOVERNMENT EXPENDITURE BLOCK	10**6 \$	TRANSFORMATION
GEDUMC.SE1	194601	197601	DUMMY VARIABLE - GOVERNMENT EXPENDITURE BLOCK	10**6 \$	TRANSFORMATION
GEDUMC.SE2	194601	197601	DUMMY VARIABLE - GOVERNMENT EXPENDITURE BLOCK	10**6 \$	TRANSFORMATION
GEDUM.V59	194601	197601	DUMMY VARIABLE - GOVERNMENT EXPENDITURE BLOCK	10**6 \$	TRANSFORMATION
GEDUM.V66	194601	197601	DUMMY VARIABLE - GOVERNMENT EXPENDITURE BLOCK	10**6 \$	TRANSFORMATION

SLIMS

[illegible]

VARIABLE	FROM	TO	DESCRIPTION	UNITS	SOURCE
GEPIED.DEM	195401	- 197601	PRCV GOVT ECON DEPR - OTHER ENGINEERING CONSTRUCTION	STATCAN	
GEPIED.SCH	195401	- 197601	PRCV GOVT ECON DEPR - SCHOOLS' BLDG CONSTRUCTION	STATCAN	
GEPIINT\$	194601	- 197601	PRCV GOVT EXPND - INTEREST PAYMENT	10^-6 \$	1971
GEPIV	195401	- 197601	PRCV GOVT EXPND - INVEST TOTAL	10006 \$	1971
GEPIV.BDS	195401	- 197601	PRCV GOVT EXPND - INVEST BLDGS OTHER THAN SCHOOLS	10006 \$	1971
GEPIV.BDS\$	195401	- 197601	PRCV GOVT EXPND - INVEST OTHER NON-RESIDENTIAL CONSTRUCTION	10006 \$	1971
GEPIV.HWY	195401	- 197601	PRCV GOVT EXPND - INVEST HIGHWAY CONSTRUCTION	10006 \$	1971
GEPIV.HWY\$	195401	- 197601	PRCV GOVT EXPND - INVEST HIGHWAY CONSTRUCTION	10006 \$	1971
GEPIV.ME	195401	- 197601	PRCV GOVT EXPND - INVEST MACH & EQUIP	10006 \$	1971
GEPIV.ME\$	195401	- 197601	PRCV GOVT EXPND - INVEST MACH & EQUIP	10006 \$	1971
GEPIV.NR	195401	- 197601	PRCV GOVT EXPND - INVEST NONRES CONSTRUCTION	10006 \$	1971
GEPIV.NR\$	195401	- 197601	PRCV GOVT EXPND - INVEST NON-RESIDENTIAL	10006 \$	1971
GEPIV.DEN	195401	- 197601	PRCV GOVT EXPND - INVEST OTHER ENGINEERING CONSTRUCTION	10006 \$	1971
GEPIV.DEN\$	195401	- 197601	PRCV GOVT EXPND - INVEST OTHER ENGINEERING CONSTRUCTION	10006 \$	1971
GEPIV.SCH	195401	- 197601	PRCV GOVT EXPND - INVEST SCHOOLS' BLDG CONSTRUCTION	10006 \$	1971
GEPIV.SCH\$	195401	- 197601	PRCV GOVT EXPND - INVEST SCHOOL CONSTRUCTION	10006 \$	1971
GEPIV\$	194601	- 197601	PRCV GOVT EXPND - INVEST TOTAL	10006 \$	1971
GEPID.TH	194701	- 197601	PRCV GOVT EXPND - GOSESRVS, I/C OTHER	10006 \$	1971
GEPID.VA	194701	- 197601	PRCV GOVT EXPND - GOSESRVS, I/O VALUE ADDED	10006 \$	1971
GEPIK	195401	- 197601	PRCV GOVT CAP STOCK - TOTAL	10006 \$	1971
GEPIK.BDS	195401	- 197601	PRCV GOVT CAP STOCK - BLDGS OTHER THAN SCHOOLS	10006 \$	1971
GEPIK.HWY	194801	- 197601	PRCV GOVT CAP STOCK - HIGHWAY CONSTRUCTION	10006 \$	1971
GEPIK.ME	195601	- 197601	PRCV GOVT CAP STOCK - MACH & EQUIP	10006 \$	1971
GEPIK.NR	195601	- 197601	PRCV GOVT CAP STOCK - NONRES CONSTRUCTION	10006 \$	1971
GEPIK.DEN	195401	- 197601	PRCV GOVT CAP STOCK - OTHER ENGINEERING CONSTRUCTION	10006 \$	1971
GEPIK.SCH	195401	- 197601	PRCV GOVT CAP STOCK - SCHOOLS' BLDG CONSTRUCTION	10006 \$	1971
GEPIK\$	194601	- 197601	PRCV GOVT EXPND - SUBSIDIES	10006 \$	1971
GEPIH\$	194801	- 197601	PRCV GOVT EXPND - TRNFS TO HOSPITALS	10006 \$	1971
GEPIH\$	194801	- 197601	PRCV GOVT EXPND - TRNFS TOTAL INTERGOVERNMENT	10006 \$	1971
GEPIH\$	194801	- 197601	PRCV GOVT EXPND - TRNFS TO LOCAL GOVT TOTAL	10006 \$	1971
GEPIH\$	194801	- 197601	PRCV GOVT EXPND - TRNFS TO PSNMS, HOSPITALS	10006 \$	1971
GEPIH\$	194801	- 197601	PRCV GOVT EXPND - TRNFS TO PSNMS, PENSIONS	10006 \$	1971
GEPIH\$	194801	- 197601	PRCV GOVT EXPND - TRNFS TO PSNMS, SCHOOLS	10006 \$	1971
GEPIH\$	194801	- 197601	PRCV GOVT EXPND - TRNFS TO PSNMS, WORKMEN'S COMPENSATION	10006 \$	1971
GEPIH\$	194801	- 197601	PRCV GOVT EXPND - TRNFS TO PSNMS, WELFARE & MISC.	10006 \$	1971
GEPIH\$	194801	- 197601	PRCV GOVT EXPND - TRNFS TO PSNMS, TOTAL	10006 \$	1971
GEPIH\$	194801	- 197601	CANADA PENSION PLAN - ADMINISTRATION COST	10006 \$	1971
GEPIH\$	194801	- 197601	CANADA PENSION PLAN - BENEFITS PAID	10006 \$	1971
GEPIH\$	194801	- 197601	CANADA PENSION PLAN - TOTAL	10006 \$	1971
GEPIH\$	194801	- 197601	QUEBEC PENSION PLAN - ADMINISTRATION COST	10006 \$	1971
GEPIH\$	194801	- 197601	QUEBEC PENSION PLAN - ADMINISTRATION COST	10006 \$	1971
GEPIH\$	194801	- 197601	QUEBEC PENSION PLAN - BENEFITS PAID	10006 \$	1971
GEPIH\$	194801	- 197601	QUEBEC PENSION PLAN - TOTAL	10006 \$	1971
GEPIH\$	194801	- 197601	GROSS FIXED CAPITAL FORMATION - TOTAL	10006 \$	1971
GFC	194601	- 197601	GROSS FIXED CAPITAL FORMATION - BUSINESS	10006 \$	1971
GFC.B	194601	- 197601	GROSS FIXED CAPITAL FORMATION - BUSINESS	10006 \$	1971
GFC\$	194601	- 197601	GROSS FIXED CAPITAL FORMATION - TOTAL	10006 \$	1971
GFCADJ	194601	- 197601	GROSS FIXED CAPITAL FORMATION - ADJUSTMENT	10006 \$	1971

VARIABLE	FROM	TO	DESCRIPTION	UNIT	SOURCE
G1060	194601	197601	DUMMY VARIABLE - GOVT FIXED INVESTMENT BLOCK	10000	ECC
G1061	194601	197601	DUMMY VARIABLE - GOVT FIXED INVESTMENT BLOCK	10000	ECC
G1065	194601	197601	DUMMY VARIABLE - GOVT FIXED INVESTMENT BLOCK	10000	ECC
G1067	194601	197601	DUMMY VARIABLE - GOVT FIXED INVESTMENT BLOCK	10000	ECC
G106970	194601	197601	DUMMY VARIABLE - GOVT FIXED INVESTMENT BLOCK	10000	ECC
G1070	194601	197601	DUMMY VARIABLE - GOVT FIXED INVESTMENT BLOCK	10000	ECC
G1072	194601	197601	DUMMY VARIABLE - GOVT FIXED INVESTMENT BLOCK	10000	ECC
G1074	194601	197601	DUMMY VARIABLE - GOVT FIXED INVESTMENT BLOCK	10000	ECC
G107475	194601	197601	DUMMY VARIABLE - GOVT FIXED INVESTMENT BLOCK	10000	ECC
G1075	194601	197601	DUMMY VARIABLE - GOVT FIXED INVESTMENT BLOCK	10000	ECC
GNE	194601	197601	GROSS NATIONAL EXPENDITURE AT MARKET PRICES	10000	STATCAN MAT ACC
GNEADJ	194601	197601	GNE ADJUSTMENT	10000	STATCAN MAT ACC
GR.DT.CS	194601	197601	CORPORATE TAXES	10000	STATCAN MAT ACC
GR.DT.CORP\$	194601	197601	GOVERNMENT REVENUE - DIRECT TAXES PERSONAL INCOME	10000	STATCAN MAT ACC
GR.DT.PS	194601	197601	GOVERNMENT REVENUE - DIRECT TAXES PERSONAL INCOME	10000	STATCAN MAT ACC
GR.DT.PINC\$	194601	197601	GOVERNMENT REVENUE - DIRECT TAXES RATE	10000	STATCAN MAT ACC
GR.DT.RATE	194601	197601	GOVERNMENT REVENUE - INDIRECT TAXES	10000	STATCAN MAT ACC
GR.T1\$	194601	197601	PERSONAL INCOME TAX - ABATEMENT - WGTED AVG ABATEMENT	10000	TAX STATS
GR.R.ABT	194601	197501	PERSONAL INCOME TAX - ASSESSMENT RATIO INTEREST & MISC. INCOME	10000	ECC
GR.R.ASINT	194601	197501	PERSONAL INCOME TAX - ASSESSMENT RATIO NON-WAGE INCOME	10000	ECC
GR.R.ASNM	194601	197501	PERSONAL INCOME TAX - ASSESSMENT RATIO OLD AGE SECURITY	10000	ECC
GR.R.ASDAP	194601	197501	PERSONAL INCOME TAX - ASSESSMENT RATIO TRANSFER INCOME	10000	ECC
GR.R.ASTR	194601	197501	PERSONAL INCOME TAX - ASSESSMENT RATIO WAGE INCOME	10000	ECC
GR.R.ASW	194601	197501	PERSONAL INCOME TAX - DEDUCTIONS DIVIDED BY QUANTILE 125 INCOME	10000	TRANSFORMATION
GR.R.DED1	194601	197501	PERSONAL INCOME TAX - DEDUCTIONS DIVIDED BY QUANTILE 500 INCOME	10000	TRANSFORMATION
GR.R.DED2	194601	197501	PERSONAL INCOME TAX - DEDUCTIONS DIVIDED BY QUANTILE 975 INCOME	10000	TRANSFORMATION
GR.R.DED3	194601	197501	PERSONAL INCOME TAX - DIVIDEND TAX CREDIT - EFFECTIVE RATE	10000	TAX STATS
GR.R.DIVQ	194601	197501	PERSONAL INCOME TAX - DIV TAX CREDIT QUE - FRACTION OF FED RATE	10000	MATL REVENUE
GR.R.DASD	194601	197501	PERSONAL INCOME TAX - OLD AGE & SOC DEV - MARGINAL TAX RATE	10000	STATCAN
GR.R.SURQ	194601	197501	SURTAH AND HOSPITAL TAX RATE - PROVINCE OF QUEBEC	10000	TAX STATS
GR.R.TPROV	194601	197501	PERSONAL INCOME TAX - PROVINCIAL - WGTED AVG PROVINCIAL TAX RATE	10000	MAT. REVENUE
GR.R.YADJVG	194601	197501	PERSONAL INCOME TAX - GROSS LP FACTOR FOR DIVIDENDS	10000	MATL REVENUE
GR.R.YBTB01	194601	197501	PERSONAL INCOME TAX - BASIC TAX - MARGINAL RATE FOR 1ST BRACKET	10000	MATL REVENUE
GR.R.YBTB02	194601	197501	PERSONAL INCOME TAX - BASIC TAX - MARGINAL RATE FOR 2ND BRACKET	10000	MATL REVENUE
GR.R.YBTB03	194601	197501	PERSONAL INCOME TAX - BASIC TAX - MARGINAL RATE FOR 3RD BRACKET	10000	MATL REVENUE
GR.R.YBTB04	194601	197501	PERSONAL INCOME TAX - BASIC TAX - MARGINAL RATE FOR 4TH BRACKET	10000	MATL REVENUE
GR.R.YBTB05	194601	197501	PERSONAL INCOME TAX - BASIC TAX - MARGINAL RATE FOR 5TH BRACKET	10000	MATL REVENUE
GR.R.YBTB06	194601	197501	PERSONAL INCOME TAX - BASIC TAX - MARGINAL RATE FOR 6TH BRACKET	10000	MATL REVENUE
GR.R.YBTB07	194601	197501	PERSONAL INCOME TAX - BASIC TAX - MARGINAL RATE FOR 7TH BRACKET	10000	MATL REVENUE
GR.R.YBTB08	194601	197501	PERSONAL INCOME TAX - BASIC TAX - MARGINAL RATE FOR 8TH BRACKET	10000	MATL REVENUE
GR.R.YBTB09	194601	197501	PERSONAL INCOME TAX - BASIC TAX - MARGINAL RATE FOR 9TH BRACKET	10000	MATL REVENUE
GR.R.YBTB10	194601	197501	PERSONAL INCOME TAX - BASIC TAX - MARGINAL RATE FOR 10TH BRACKET	10000	MATL REVENUE
GR.R.YBTB11	194601	197501	PERSONAL INCOME TAX - BASIC TAX - MARGINAL RATE FOR 11TH BRACKET	10000	MATL REVENUE
GR.R.YBTB12	194601	197501	PERSONAL INCOME TAX - BASIC TAX - MARGINAL RATE FOR 12TH BRACKET	10000	MATL REVENUE
GR.R.YBTB13	194601	197501	PERSONAL INCOME TAX - BASIC TAX - MARGINAL RATE FOR 13TH BRACKET	10000	MATL REVENUE
GR.R.YBTB14	194601	197501	PERSONAL INCOME TAX - BASIC TAX - MARGINAL RATE FOR 14TH BRACKET	10000	MATL REVENUE
GR.R.YBTB15	194601	197501	PERSONAL INCOME TAX - BASIC TAX - MARGINAL RATE FOR 15TH BRACKET	10000	MATL REVENUE

VARIABLE	FROM	TC	DESCRIPTION	UNITS	SOURCE
GR.R.YMTB16	196001 - 197501	PERSONAL INCOME TAX - BASIC TAX - MARGINAL RATE FOR 16TH BRACKET	10000	MATL REVENUE	
GR.R.YMTB17	196001 - 197501	PERSONAL INCOME TAX - BASIC TAX - MARGINAL RATE FOR 17TH BRACKET	10000	MATL REVENUE	
GR.R.YMTB18	196001 - 197501	PERSONAL INCOME TAX - BASIC TAX - MARGINAL RATE FOR 18TH BRACKET	10000	MATL REVENUE	
GR.R.YMTQ01	196001 - 197501	PERSONAL INCOME TAX - QUEBEC TAX - MARG RATE FOR 1ST BRACKET	10000	MATL REVENUE	
GR.R.YMTQ02	196001 - 197501	PERSONAL INCOME TAX - QUEBEC TAX - MARG RATE FOR 2ND BRACKET	10000	MATL REVENUE	
GR.R.YMTQ03	196001 - 197501	PERSONAL INCOME TAX - QUEBEC TAX - MARG RATE FOR 3RD BRACKET	10000	MATL REVENUE	
GR.R.YMTQ04	196001 - 197501	PERSONAL INCOME TAX - QUEBEC TAX - MARG RATE FOR 4TH BRACKET	10000	MATL REVENUE	
GR.R.YMTQ05	196001 - 197501	PERSONAL INCOME TAX - QUEBEC TAX - MARG RATE FOR 5TH BRACKET	10000	MATL REVENUE	
GR.R.YMTQ06	196001 - 197501	PERSONAL INCOME TAX - QUEBEC TAX - MARG RATE FOR 6TH BRACKET	10000	MATL REVENUE	
GR.R.YMTQ07	196001 - 197501	PERSONAL INCOME TAX - QUEBEC TAX - MARG RATE FOR 7TH BRACKET	10000	MATL REVENUE	
GR.R.YMTQ08	196001 - 197501	PERSONAL INCOME TAX - QUEBEC TAX - MARG RATE FOR 8TH BRACKET	10000	MATL REVENUE	
GR.R.YMTQ09	196001 - 197501	PERSONAL INCOME TAX - QUEBEC TAX - MARG RATE FOR 9TH BRACKET	10000	MATL REVENUE	
GR.R.YMTQ10	196001 - 197501	PERSONAL INCOME TAX - QUEBEC TAX - MARG RATE FOR 10TH BRACKET	10000	MATL REVENUE	
GR.R.YMTQ11	196001 - 197501	PERSONAL INCOME TAX - QUEBEC TAX - MARG RATE FOR 11TH BRACKET	10000	MATL REVENUE	
GR.R.YMTQ12	196001 - 197501	PERSONAL INCOME TAX - QUEBEC TAX - MARG RATE FOR 12TH BRACKET	10000	MATL REVENUE	
GR.R.YMTQ13	196001 - 197501	PERSONAL INCOME TAX - QUEBEC TAX - MARG RATE FOR 13TH BRACKET	10000	MATL REVENUE	
GR.R.YMTQ14	196001 - 197501	PERSONAL INCOME TAX - QUEBEC TAX - MARG RATE FOR 14TH BRACKET	10000	MATL REVENUE	
GR.R.YMTQ15	196001 - 197501	PERSONAL INCOME TAX - QUEBEC TAX - MARG RATE FOR 15TH BRACKET	10000	MATL REVENUE	
GR.R.YMTQ16	196001 - 197501	PERSONAL INCOME TAX - QUEBEC TAX - MARG RATE FOR 16TH BRACKET	10000	MATL REVENUE	
GR.R.YMTQ17	196001 - 197501	PERSONAL INCOME TAX - QUEBEC TAX - MARG RATE FOR 17TH BRACKET	10000	MATL REVENUE	
GR.R.YMTQ18	196001 - 197501	PERSONAL INCOME TAX - QUEBEC TAX - MARG RATE FOR 18TH BRACKET	10000	MATL REVENUE	
GR.R.YRED1	196001 - 197501	PERS INC TAX-SURTAHEREDUCTION-MARG RATE APPL TO BASIC TAX INT 1	10000	MATL REVENUE	
GR.R.YRED2	196001 - 197501	PERS INC TAX-SURTAHEREDUCTION-MARG RATE APPL TO BASIC TAX INT 2	10000	MATL REVENUE	
GR.R.YRED3	196001 - 197501	PERS INC TAX-SURTAHEREDUCTION-MARG RATE APPL TO BASIC TAX INT 3	10000	MATL REVENUE	
GR.R.YRED4	196001 - 197501	PERS INC TAX-SURTAHEREDUCTION-MARG RATE APPL TO BASIC TAX INT 4	10000	MATL REVENUE	
GR.T.DED0	196001 - 197501	DEDUCTIONS - ALL TAX FILERS - MINIMUM	10000	MATL REVENUE	
GR.T.DED1	196001 - 197501	DEDUCTIONS - ALL TAX FILERS - AVERAGE AT QUANTILE 125	10000	TAX STATS	
GR.T.DED2	196001 - 197501	DEDUCTIONS - ALL TAX FILERS - AVERAGE AT QUANTILE 500	10000	TAX STATS	
GR.T.DED3	196001 - 197501	DEDUCTIONS - ALL TAX FILERS - AVERAGE AT QUANTILE 975	10000	TAX STATS	
GR.T.DIV0	196001 - 197501	DIVIDEND INCOME CLAIMED - ALL TAX FILERS	10000	MATL REVENUE	
GR.T.DIV1	196001 - 197501	PERSONAL INCOME TAX - DIVIDEND TAX CREDIT, ALL RETURNS	10000	MATL REVENUE	
GR.T.DIV2	196001 - 197501	DIVIDEND TAX CREDIT - QUEBEC	10000	TRANSFORMATION	
GR.T.DIV3	196001 - 197501	DEDUCTIONS - EMPLOYMENT EXPENSE	10000	MATL REVENUE	
GR.T.DIV4	196001 - 197501	PERSONAL INCOME TAX-FEDERAL TAX-CALCULATED ACCRUALS	10000	TAXCALC	
GR.T.DIV5	196001 - 197501	PERSONAL INCOME TAX - PRICE INDEX - ANNUAL	10000	MATL REVENUE	
GR.T.DIV6	196001 - 197501	PERSONAL INCOME TAX - MARRIED EXEMPTION	10000	MATL REVENUE	
GR.T.DIV7	196001 - 197501	PERSONAL INCOME TAX - UPPER LIMIT TO SPOUSAL INCOME	10000	MATL REVENUE	
GR.T.DIV8	196001 - 197501	PERSONAL INCOME TAX - ALL TAX FILERS	10000	TRANSFORMATION	
GR.T.DIV9	196001 - 197501	PERSONAL INCOME TAX - NUMBER OF TAX RETURNS FILED	10000	MATL REVENUE	
GR.T.DIV10	196001 - 197501	PERSONAL INCOME TAX - QUEBEC - NUMBER OF TAXFILERS IN QUEBEC	10000	MATL REVENUE	
GR.T.DIV11	196001 - 197501	PERSONAL EXEMPTIONS - ALL TRANSFERS - MINIMUM	10000	MATL REVENUE	
GR.T.DIV12	196001 - 197501	PERSONAL EXEMPTIONS - ALL TAX FILERS - AVERAGE AT QUANTILE 125	10000	TAX STATS	
GR.T.DIV13	196001 - 197501	PERSONAL EXEMPTIONS - ALL TAX FILERS - AVERAGE AT QUANTILE 500	10000	TAX STATS	
GR.T.DIV14	196001 - 197501	PERSONAL EXEMPTIONS - ALL TAX FILERS - AVERAGE AT QUANTILE 975	10000	TAX STATS	
GR.T.DIV15	196001 - 197501	PERSONAL INCOME TAX - PRICE INDEX - CUMULATIVE	10000	MATL REVENUE	
GR.T.DIV16	196001 - 197501	PERSONAL INCOME TAX-PROV TAX, NET OF QUEBEC-CALCULATED ACCRUALS	10000	TAXCALC	
GR.T.DIV17	196001 - 197501	PERSONAL INCOME TAX-PROVINCIAL TAX-QUEBEC-CALCULATED ACCRUALS	10000	TAXCALC	
GR.T.DIV18	196001 - 197501	QUANTILE 125 - ALL TAX FILERS - ASSESSED INC DISTRIBUTION	10000	TAX STATS	
GR.T.DIV19	196001 - 197501	QUANTILE 500 - ALL TAX FILERS - ASSESSED INC DISTRIBUTION	10000	TAX STATS	

VARIABLE	FROM	TC	DESCRIPTION	UNITS	SOURCE
GR.T.0975	196001	197501	QUANTILE 975 - ALL TAX FILERS - ASSESSED INC DISTRIBUTION	10**3 \$	TAX STATS
GR.T.EDMIN	196001	197501	PERSONAL INCOME TAX - SURTAX REDUCTION - MIN BASIC TAX RED	10**3 \$	TAX STATS
GR.T.SINGEX	196001	197501	PERSONAL INCOME TAX - SINGLE EXEMPTION	10**3 \$	MATL REVENUE
GR.T.STAND	196001	197501	PERSONAL INCOME TAX - STANDARD DEDUCTION	10**3 \$	TAX STATS
GR.T.TEF0	196001	197501	EFFECTIVE EXEMPTIONS - ALL TAX FILERS - MINIMUM	10**3 \$	TAX STATS
GR.T.TEF1	196001	197501	EFFECTIVE EXEMPTIONS - ALL TAX FILERS - AVERAGE AT QUANTILE 125	10**3 \$	TAX STATS
GR.T.TEF2	196001	197501	EFFECTIVE EXEMPTIONS - ALL TAX FILERS - AVERAGE AT QUANTILE 500	10**3 \$	TAX STATS
GR.T.TEF3	196001	197501	EFFECTIVE EXEMPTIONS - ALL TAX FILERS - AVERAGE AT QUANTILE 975	10**3 \$	TAX STATS
GR.T.YAS\$	196001	197501	PERSONAL INCOME TAX - TOTAL INCOME ASSESSED ALL RETURNS	10**6 \$	TAX STATS
GR.T.YAGINS	196001	197501	PERSONAL INCOME TAX - REPORTED CAPITAL GAINS	10**6 \$	TAXATION STAT
GR.TR.PETG\$	196001	197501	GOVERNMENT REVENUE - TRANSFERS PERSONS TO GOVERNMENT	10**6 \$	STATACON MAT ACC
GR.V.DASDR	196001	197501	NUMBER OF BRACKETS	10**0	TAX STATS
GR.V.YASBR001	196001	197501	PERSONAL INCOME TAX - OLD AGE & SOC DEW-ASSESSED INCOME BRACKET	10**3 \$	TAX STATS
GR.V.YASBR002	196001	197501	PERSONAL INCOME TAX - QUEBEC ASSESSED INCOME AT 1ST TAX BRACKET	10**3 \$	TAXCALC
GR.V.YASBR003	196001	197501	PERSONAL INCOME TAX - QUEBEC ASSESSED INCOME AT 2ND TAX BRACKET	10**3 \$	TAXCALC
GR.V.YASBR004	196001	197501	PERSONAL INCOME TAX - QUEBEC ASSESSED INCOME AT 3RD TAX BRACKET	10**3 \$	TAXCALC
GR.V.YASBR005	196001	197501	PERSONAL INCOME TAX - QUEBEC ASSESSED INCOME AT 4TH TAX BRACKET	10**3 \$	TAXCALC
GR.V.YASBR006	196001	197501	PERSONAL INCOME TAX - QUEBEC ASSESSED INCOME AT 5TH TAX BRACKET	10**3 \$	TAXCALC
GR.V.YASBR007	196001	197501	PERSONAL INCOME TAX - QUEBEC ASSESSED INCOME AT 6TH TAX BRACKET	10**3 \$	TAXCALC
GR.V.YASBR008	196001	197501	PERSONAL INCOME TAX - QUEBEC ASSESSED INCOME AT 7TH TAX BRACKET	10**3 \$	TAXCALC
GR.V.YASBR009	196001	197501	PERSONAL INCOME TAX - QUEBEC ASSESSED INCOME AT 8TH TAX BRACKET	10**3 \$	TAXCALC
GR.V.YASBR010	196001	197501	PERSONAL INCOME TAX - QUEBEC ASSESSED INCOME AT 9TH TAX BRACKET	10**3 \$	TAXCALC
GR.V.YASBR011	196001	197501	PERSONAL INCOME TAX - QUEBEC ASSESSED INCOME AT 10TH TAX BRACKET	10**3 \$	TAXCALC
GR.V.YASBR012	196001	197501	PERSONAL INCOME TAX - QUEBEC ASSESSED INCOME AT 11TH TAX BRACKET	10**3 \$	TAXCALC
GR.V.YASBR013	196001	197501	PERSONAL INCOME TAX - QUEBEC ASSESSED INCOME AT 12TH TAX BRACKET	10**3 \$	TAXCALC
GR.V.YASBR014	196001	197501	PERSONAL INCOME TAX - QUEBEC ASSESSED INCOME AT 13TH TAX BRACKET	10**3 \$	TAXCALC
GR.V.YASBR015	196001	197501	PERSONAL INCOME TAX - QUEBEC ASSESSED INCOME AT 14TH TAX BRACKET	10**3 \$	TAXCALC
GR.V.YASBR016	196001	197501	PERSONAL INCOME TAX - QUEBEC ASSESSED INCOME AT 15TH TAX BRACKET	10**3 \$	TAXCALC
GR.V.YASBR017	196001	197501	PERSONAL INCOME TAX - QUEBEC ASSESSED INCOME AT 16TH TAX BRACKET	10**3 \$	TAXCALC
GR.V.YASBR018	196001	197501	PERSONAL INCOME TAX - QUEBEC ASSESSED INCOME AT 17TH TAX BRACKET	10**3 \$	TAXCALC
GR.V.YASBR019	196001	197501	PERSONAL INCOME TAX - QUEBEC ASSESSED INCOME AT 18TH TAX BRACKET	10**3 \$	TAXCALC
GR.V.YASBR020	196001	197501	PERSONAL INCOME TAX - ASSESSED INCOME AT 1ST TAX BRACKET	10**3 \$	TAXCALC
GR.V.YASBR021	196001	197501	PERSONAL INCOME TAX - ASSESSED INCOME AT 2ND TAX BRACKET	10**3 \$	TAXCALC
GR.V.YASBR022	196001	197501	PERSONAL INCOME TAX - ASSESSED INCOME AT 3RD TAX BRACKET	10**3 \$	TAXCALC
GR.V.YASBR023	196001	197501	PERSONAL INCOME TAX - ASSESSED INCOME AT 4TH TAX BRACKET	10**3 \$	TAXCALC
GR.V.YASBR024	196001	197501	PERSONAL INCOME TAX - ASSESSED INCOME AT 5TH TAX BRACKET	10**3 \$	TAXCALC
GR.V.YASBR025	196001	197501	PERSONAL INCOME TAX - ASSESSED INCOME AT 6TH TAX BRACKET	10**3 \$	TAXCALC
GR.V.YASBR026	196001	197501	PERSONAL INCOME TAX - ASSESSED INCOME AT 7TH TAX BRACKET	10**3 \$	TAXCALC
GR.V.YASBR027	196001	197501	PERSONAL INCOME TAX - ASSESSED INCOME AT 8TH TAX BRACKET	10**3 \$	TAXCALC
GR.V.YASBR028	196001	197501	PERSONAL INCOME TAX - ASSESSED INCOME AT 9TH TAX BRACKET	10**3 \$	TAXCALC
GR.V.YASBR029	196001	197501	PERSONAL INCOME TAX - ASSESSED INCOME AT 10TH TAX BRACKET	10**3 \$	TAXCALC
GR.V.YASBR030	196001	197501	PERSONAL INCOME TAX - ASSESSED INCOME AT 11TH TAX BRACKET	10**3 \$	TAXCALC
GR.V.YASBR031	196001	197501	PERSONAL INCOME TAX - ASSESSED INCOME AT 12TH TAX BRACKET	10**3 \$	TAXCALC
GR.V.YASBR032	196001	197501	PERSONAL INCOME TAX - ASSESSED INCOME AT 13TH TAX BRACKET	10**3 \$	TAXCALC
GR.V.YASBR033	196001	197501	PERSONAL INCOME TAX - ASSESSED INCOME AT 14TH TAX BRACKET	10**3 \$	TAXCALC
GR.V.YASBR034	196001	197501	PERSONAL INCOME TAX - ASSESSED INCOME AT 15TH TAX BRACKET	10**3 \$	TAXCALC
GR.V.YASBR035	196001	197501	PERSONAL INCOME TAX - ASSESSED INCOME AT 16TH TAX BRACKET	10**3 \$	TAXCALC
GR.V.YASBR036	196001	197501	PERSONAL INCOME TAX - ASSESSED INCOME AT 17TH TAX BRACKET	10**3 \$	TAXCALC
GR.V.YASBR037	196001	197501	PERSONAL INCOME TAX - ASSESSED INCOME AT 18TH TAX BRACKET	10**3 \$	TAXCALC

VARIABLE	FROM	TO	DESCRIPTION	UNITS	SOURCE
GRF.DT.PCSE\$	194601	197601	FED GOVT REVENUE - DIRECT TAXES SUCCESSION AND ESTATE DUTIES	10006 \$	STATCAN MAT ACC
GRF.DT.PCUIS\$	194601	197601	FED GOVT REVENUE - DIRECT TAXES CONT UNEMP INSUR	10006 \$	STATCAN MAT ACC
GRF.DT.PINC\$	194601	197601	FED GOVT REVENUE - DIRECT TAXES PERSONAL INCOME	10006 \$	STATCAN MAT ACC
GRF.IT.CUS\$	194601	197601	FED GOVT REVENUE - INDIRECT TAXES CUSTOM DUTIES	10006 \$	TRANSFORMATION
GRF.IT.FXS\$	195301	197601	FED GOVT REVENUE - INDIRECT TAXES ALCOHOL AND TOBACCO	10006 \$	STATCAN MAT ACC
GRF.IT.GAS\$	194601	197601	FED GOVT REVENUE - INDIRECT TAXES GASOLINE EXCISE TAX	10006 \$	STATCAN MAT ACC
GRF.IT.MSAL\$	195301	197601	FED GOVT REVENUE - INDIRECT TAXES MANUFACTURERS SALES TAX	10006 \$	STATCAN MAT ACC
GRF.IT.OILX\$	194601	197601	FED GOVT REVENUE - INDIRECT TAXES OIL EXPORT TAX	10006 \$	STATCAN MAT ACC
GRF.IT.OTH\$	194601	197601	FED GOVT REVENUE - INDIRECT TAXES OTHER	10006 \$	STATCAN MAT ACC
GRF.IT\$	194601	197601	FED GOVT REVENUE - INDIRECT TAXES	10006 \$	STATCAN MAT ACC
GRF.TR.PET\$	194601	197601	FED GOVT REVENUE - TRANSFERS PERSONS TO GOVERNMENT	10006 \$	TRANSFORMATION
GRF.YI.TPLA\$	194601	197601	FED GOVT REVENUE - INVESTMENT INCOME INTEREST TOTAL	10006 \$	STATCAN MAT ACC
GRF.YI.REH\$	194601	197601	FED GOVT REVENUE - INVESTMENT INCOME REMITTANCES FROM GOVT CORP	10006 \$	STATCAN MAT ACC
GRF.YI.ROY\$	194601	197601	FED GOVT REVENUE - INVESTMENT INCOME ROYALTIES	10006 \$	STATCAN MAT ACC
GRF.YI\$	194601	197601	FED GOVT REVENUE - INVESTMENT INCOME	10006 \$	STATCAN MAT ACC
GRF\$	194601	197601	FED GOVT REVENUE - TOTAL	10006 \$	STATCAN MAT ACC
GRH.TR.PETH\$	194601	197601	HOSPITAL REVENUE - TRANSFERS PERSONS TO HOSPITALS	10006 \$	STATCAN MAT ACC
GRH.YI\$	194601	197601	HOSPITAL REVENUE - INVESTMENT INCOME	10006 \$	STATCAN MAT ACC
GRH\$	194601	197601	HOSPITAL REVENUE - TOTAL	10006 \$	TRANSFORMATION
GRL.IT.DTH\$	194601	197601	LOCAL GOVT REVENUE - INDIRECT TAXES OTHER	10006 \$	STATCAN MAT ACC
GRL.IT.PROP\$	194601	197601	LOCAL GOVT REVENUE - INDIRECT TAXES PROPERTY TAX	10006 \$	STATCAN MAT ACC
GRL.IT\$	194601	197601	LOCAL GOVT REVENUE - INDIRECT TAXES	10006 \$	STATCAN MAT ACC
GRL.TR.PET\$	194601	197601	LOCAL GOVT REVENUE - TRANSFERS PERSONS TO LOCAL	10006 \$	STATCAN MAT ACC
GRL.YI.TPLA\$	194601	197601	LOCAL GOVT REVENUE - INVESTMENT INCOME INTEREST TOTAL	10006 \$	TRANSFORMATION
GRL.YI.REH\$	194601	197601	LOCAL GOVT REVENUE - INVESTMENT INCOME REMITTANCES GOVT ENTERPR.	10006 \$	STATCAN MAT ACC
GRL.YI\$	194601	197601	LOCAL GOVT REVENUE - INVESTMENT INCOME	10006 \$	STATCAN MAT ACC
GRL\$	194601	197601	LOCAL GOVT REVENUE - TOTAL	10006 \$	STATCAN MAT ACC
GRP.DT.C\$	194601	197601	PROV GOVT REVENUE - DIRECT TAXES CORP & GOVT BUSINESS ENTERPR.	10006 \$	STATCAN MAT ACC
GRP.DT.CCRP\$	194601	197601	PROV GOVT REVENUE - DIRECT TAXES CORPORATIONS	10006 \$	STATCAN MAT ACC
GRP.DT.CMLP\$	194601	197601	PROV GOVT REVENUE - DIRECT TAXES MINING AND LOGGING PROFITS	10006 \$	STATCAN MAT ACC
GRP.DT.P\$	194601	197601	PROV GOVT REVENUE - DIRECT TAXES PERSONAL	10006 \$	STATCAN MAT ACC
GRP.DT.PCPEN\$	194601	197601	PROV GOVT REVENUE - DIRECT TAXES EMPREME CONT TO GOVT PENSIN	10006 \$	STATCAN MAT ACC
GRP.DT.PCSE\$	194601	197601	PROV GOVT REVENUE - DIRECT TAXES SUCCESSION AND ESTATE DUTIES	10006 \$	STATCAN MAT ACC
GRP.DT.PCVP\$	194601	197601	PROV GOVT REVENUE - DIRECT TAXES CONTRIBUTION VACATION PAY	10006 \$	STATCAN MAT ACC
GRP.DT.PCVC\$	194601	197601	PROV GOVT REVENUE - DIRECT TAXES CONT WORKMENS COMP	10006 \$	STATCAN MAT ACC
GRP.DT.PCNC\$	194601	197601	PROV GOVT REVENUE - DIRECT TAXES PERSONAL INCOME	10006 \$	STATCAN MAT ACC
GRP.DT.PINC\$	194601	197601	PROV GOVT REVENUE - DIRECT TAXES NET OF QUEBEC PERSONAL INC	10006 \$	STATCAN MAT ACC
GRP.DT.PPROV\$	194601	197501	PROV GOVT REVENUE - DIRECT TAXES - QUEBEC PERSONAL INCOME	10006 \$	TRANSFORMATION
GRP.DT.PPROV\$	194601	197501	PROV GOVT REVENUE - DIRECT TAXES - QUEBEC PERSONAL INCOME	10006 \$	STATCAN MAT ACC
GRP.DT.PRT\$	194601	197501	PROV GOVT REVENUE - DIRECT TAXES - PERSONAL TAX CREDITS	10006 \$	BANK OF CAN
GRP.DT.RATE	194601	197601	PROV GOVT REVENUE - DIRECT TAXES RATE	10006 \$	TRANSFORMATION
GRP.IT.GAS\$	194601	197601	PROV GOVT REVENUE - INDIRECT TAXES GASOLINE	10006 \$	STATCAN MAT ACC
GRP.IT.LIQ\$	194601	197601	PROV GOVT REVENUE - INDIRECT TAXES LIQUOR BOARD PROFITS	10006 \$	STATCAN MAT ACC
GRP.IT.MVL\$	194601	197601	PROV GOVT REVENUE - INDIRECT TAXES MOTOR VEH LIC PRIVATE & COMM.	10006 \$	TRANSFORMATION
GRP.IT.MVL\$	194601	197601	PROV GOVT REVENUE - INDIRECT TAXES MOTOR VEHICLE LICENSE	10006 \$	STATCAN MAT ACC
GRP.IT.OTH\$	194601	197601	PROV GOVT REVENUE - INDIRECT TAXES OTHER	10006 \$	TRANSFORMATION
GRP.IT.RST\$	194601	197601	PROV GOVT REVENUE - INDIRECT TAXES RETAIL SALES TAX	10006 \$	STATCAN MAT ACC
GRP.IT\$	194601	197601	PROV GOVT REVENUE - INDIRECT TAXES	10006 \$	STATCAN MAT ACC
GRP.TR.PETH\$	194601	197601	PROV GOVT REVENUE - TRANSFERS PERSONAL HOSPITAL MED INS	10006 \$	STATCAN MAT ACC
GRP.TR.PETH\$	194601	197601	PROV GOVT REVENUE - TRANSFERS PERSONAL MISCELLANEOUS	10006 \$	STATCAN MAT ACC
GRP.TR.PETH\$	194601	197601	PROV GOVT REVENUE - TRANSFERS PERSONAL MISCELLANEOUS	10006 \$	STATCAN MAT ACC

VARIABLE	FROM	TC	DESCRIPTION	UNITS	SOURCE
GRP-TR-PEMVR \$	194601	197601	PROV GOVT REVENUE - TRANSFERS PERSONAL MOTOR V.R.	10006 \$	STATCAN MAT ACC
GRP-TR-PETP \$	194601	197601	PROV GOVT REVENUE - TRANSFERS PERSONS TO PROVINCES	10006 \$	STATCAN MAT ACC
GRP-Y1-TPLA \$	194601	197601	PROV GOVT REVENUE - INVESTMENT INCOME INTEREST TOTAL	10006 \$	TRANSFORMATION
GRP-Y1-REMS	194601	197601	PROV GOVT REVENUE - INVESTMENT INCOME REMITTANCES GOVT ENTERPR.	10006 \$	STATCAN MAT ACC
GRP-Y1-RDYS	194601	197601	PROV GOVT REVENUE - INVESTMENT INCOME ROYALTIES	10006 \$	STATCAN MAT ACC
GRP-Y1 \$	194601	197601	PROV GOVT REVENUE - INVESTMENT INCOME	10006 \$	STATCAN MAT ACC
GRPS	194601	197601	PROV GOVT REVENUE - TOTAL	10006 \$	STATCAN MAT ACC
GRPENC-DT \$	194601	197601	CANADA PENSION PLAN REVENUE - CONTRIBUTIONS	10006 \$	STATCAN MAT ACC
GRPENC-Y1 \$	194601	197601	CANADA PENSION PLAN REVENUE - INTEREST INCOME	10006 \$	STATCAN MAT ACC
GRPENC \$	194601	197601	CANADA PENSION PLAN REVENUE - TOTAL	10006 \$	STATCAN MAT ACC
GRPENQ-DT \$	194601	197601	QUEBEC PENSION PLAN REVENUE - CONTRIBUTIONS	10006 \$	STATCAN MAT ACC
GRPENQ-Y1 \$	194601	197601	QUEBEC PENSION PLAN REVENUE - INTEREST INCOME	10006 \$	STATCAN MAT ACC
GRPENQ \$	194601	197601	QUEBEC PENSION PLAN REVENUE - TOTAL	10006 \$	STATCAN MAT ACC
GRPEPT-DT \$	194601	197601	CANADA AND QUEBEC PENSION PLANS CONTRIBUTIONS	10006 \$	TRANSFORMATION
GRTD60.61	194601	197601	DUMMY VARIABLE - GOVERNMENT REVENUE (TAX) BLOCK	10000	ECC
GRTD61	194601	197601	DUMMY VARIABLE - GOVERNMENT REVENUE (TAX) BLOCK	10000	ECC
GRTD62 OFF	194601	197601	DUMMY VARIABLE - GOVERNMENT REVENUE (TAX) BLOCK	10000	ECC
GRTD68 CN	195001	197701	DUMMY VARIABLE - GOVERNMENT REVENUE (TAX) BLOCK	10000	ECC
GRTD72	194601	197601	DUMMY VARIABLE - GOVERNMENT REVENUE (TAX) BLOCK	10000	ECC
GRTD72 DM	194601	197601	DUMMY VARIABLE - GOVERNMENT REVENUE (TAX) BLOCK	10000	ECC
GRTD74	194601	197601	DUMMY VARIABLE - GOVERNMENT REVENUE (TAX) BLOCK	10000	ECC
GRTD74 CM	194601	197601	DUMMY VARIABLE - GOVERNMENT REVENUE (TAX) BLOCK	10000	ECC
GS \$	194601	197601	GOVERNMENT SAVING	10006 \$	STATCAN MAT ACC
GSF \$	194601	197601	GOVERNMENT SAVING FEDERAL	10006 \$	STATCAN MAT ACC
GS \$	194601	197601	GOVERNMENT SAVING HOSPITAL	10006 \$	STATCAN MAT ACC
GS \$	194601	197601	GOVERNMENT SAVING LOCAL	10006 \$	STATCAN MAT ACC
GS \$	194601	197601	GOVERNMENT SAVING PROVINCIAL	10006 \$	STATCAN MAT ACC
GSP \$	194601	197601	NATIONAL ACCOUNTS ESTIMATE OF RESERVES - CANADA PENSION PLAN	10006 \$	STATCAN MAT ACC
GSPC-FUND \$	194601	197601	GOVERNMENT SAVING CANADA PENSION PLAN	10006 \$	STATCAN MAT ACC
GSPENC \$	194601	197601	GOVERNMENT SAVING QUEBEC PENSION PLAN	10006 \$	STATCAN MAT ACC
GSPENQ \$	194601	197601	NATIONAL ACCOUNTS ESTIMATE OF RESERVES - QUEBEC PENSION PLAN	10006 \$	STATCAN MAT ACC
GSPQ-FUND \$	195001	197701	NATIONAL ACCOUNTS ESTIMATE OF RESERVES - QUEBEC PENSION PLAN	10006 \$	STATCAN MAT ACC
GTF-B-UIBS	195001	197701	UIB MAXIMUM INSURABLE EARNINGS - ANNUAL RATE	10003 \$	CAN TAX FOUND
GTF-C-MAXYC	195001	197601	UIB MAXIMUM INSURABLE EARNINGS - ANNUAL RATE	10003 \$	CAN TAX FOUND
GTF-I-FIMDEX	194601	197601	FAMILY ALLIANCE BENEFIT INDEX	10000	CAN TAX FOUND
GTF-I-DAIND	194601	197601	OLD AGE SECURITY AND GISS BENEFIT INDEX	10000	CAN TAX FOUND
GTF-I-UICIND	194601	197701	UNEMPLOYMENT INSURANCE - IMPLIED ANNUAL INDEX	10000	CAN TAX FOUND
GTF-I-UIRIND	194601	197601	UNEMPLOYMENT INSURANCE - BENCHMARK UNEMPLOYMENT RATE	10000	CAN TAX FOUND
GTF-I-WIND	194601	197501	W1 AND 2 PENSION INDEX	10000	CAN TAX FOUND
GTF-R-CORP	195201	197501	CORPORATE TAX RATE FEDERAL CALCULATED AVG	RATE PER 10002	STATCAN FOUND
GTF-R-CUIB	195001	197501	UIB EMPLOYER/EMPLOYEE CONTRIBUTION RATE	RATE PER 10002	STATCAN FOUND
GTF-R-CUSTOM	195001	197501	CUSTOM DUTIES IMPLICIT OVERALL RATE	10000	TRANSFORMATION
GTF-R-DALC	195401	197601	EXCISE DUTY RATE BEER AND ALCOHOL COMBINED	\$ PER GALLON	STATCAN FOUND
GTF-R-DCIG	195001	197601	EXCISE DUTY RATE ON STANDARD WT CIGARETTES	\$ PER 1000	STATCAN FOUND
GTF-R-GISS	195001	197701	OLD AGE SECURITY GISS ANNUAL RATE MAX SINGLE	10003 \$	CAN TAX FOUND
GTF-R-MSC	195201	197601	MANUF SALES TAX RATE ON CONSUMER GOODS	RATE PER 10002	STATCAN FOUND
GTF-R-MSM	195201	197601	MANUF SALES TAX RATE ON MACH AND EQUIPMENT	RATE PER 10002	STATCAN FOUND
GTF-R-MSIR	194701	197601	MANUF SALES TAX RATE ON CONST MAT BUILD SUPPLIES	RATE PER 10002	STATCAN FOUND
GTF-R-OAP	195201	197701	OLD AGE SECURITY BASIC PENSION ANNUAL RATE	10003 \$	CAN TAX FOUND
GTF-N-TCIG	195001	197601	EXCISE TAX RATE ON STANDARD WT CIGARETTES	\$ PER 1000	STATCAN FOUND

TABLE	FROM	TO	DESCRIPTION	UNITS	SOURCE
F.R.-UIB8R	196001	198501	UTB FRACTION OF CONTRIBUTORY EARNINGS RECEIVED	10000	CAN TAX FNDTH
F.R.-UIA	195001	197501	WAR VETERANS ALLOWANCE SINGLE RATE ANNUAL	10003	YET AFFAIRS
F.R.-NH12	195201	197501	NW1 AND 2 PENSION YTD ANNUAL RATE	10003	TRANSFORMATION
F.V.-BASEA	195401	197601	MANUFACTURER SALES TAX BASE - ALCOHOL	10006	TRANSFORMATION
F.V.-BASEB	195201	197601	MANUFACTURER SALES TAX BASE - BUILDING MATERIAL	10006	TRANSFORMATION
F.V.-BASEC	195201	197601	MANUFACTURER SALES TAX BASE - CONSUMER GOODS	10006	TRANSFORMATION
F.V.-BASED	195401	197601	MANUFACTURER SALES TAX BASE - GASOLINE	10006	TRANSFORMATION
F.V.-BASEE	195201	197601	MANUFACTURER SALES TAX BASE - MACHINERY	10006	TRANSFORMATION
F.V.-BASEF	195201	197601	MANUFACTURER SALES TAX BASE - TEBACCO	10006	STATCAN
F.V.-PCT	195001	197501	CORPORATE TAXABLE INCOME NET	10003	STATCAN
F.V.-PLTH	194701	197601	UTB EARNING LIMIT FOR PARTICIPATION IN UTB	1971-1.0	TRANSFORMATION
P.R.-LTOP	195201	197501	INDEX OF LIQUOR CONTROL BOARD PROFITS PER UNIT OF CHF20	10000	STATCAN
P.R.-CORP	195401	197601	CORPORATE TAX RATE PROVINCIAL CALCULATED AVG	\$ PER GALLON	STATCAN
P.R.-D+GAS	195401	197601	UTD PROVINCIAL DIESEL AND GASOLINE TAX RATE	10000	STATCAN
P.R.-HRED	194601	197601	HOSPITAL INS AND MEDICARE PREM ANNUAL SINGLE PERSON	10003	STATCAN
P.R.-HVL	194601	197601	WEIGHTED AVERAGE MOTOR VEH LICENSE FEE - PROVINCIAL	RATE PER 10002	STATCAN
P.R.-RSTC	195201	197601	RETAIL SALES TAX RATE CONSUMERS - PROVINCIAL	RATE PER 10002	STATCAN
P.R.-RSTH	195201	197601	RETAIL SALES TAX RATE MACHINERY - PROVINCIAL	RATE PER 10002	TRANSFORMATION
P.W.-SMV	194601	197601	COMMERCIAL SHARE OF TOTAL VEHICLES LICENSE FEE	10000	CAN TAX FNDTH
PC-C-MPE	195001	197601	CANADA PENSION PLAN MAXIMUM CONTRIBUTORY EARNING - ANNUAL RATE	RATE PER 10002	CAN TAX FNDTH
PC-V-SCP	194601	197601	CANADA PENSION PLAN EMPLOYER/EMPLOYEE CONTRIBUTIONS RATE	RATE PER 10002	TRANSFORMATION
RP-ITS-CDE10	194701	197601	CANADA PENSION PLAN RATIO OF CONTR. TO CAN & QUE PENSION PLANS	RATE PER 10002	TRANSFORMATION
RP-ITS-CDEH10	194701	197601	PROV SALES TAX RATE - RECREATION SPORT AND CAMP EQUIPMENT	10000	TRANSFORMATION
RP-ITS-CDD10	194701	197601	PROV SALES TAX RATE - FURNITURE AND CARPETS	10000	TRANSFORMATION
RP-ITS-CDD20	194701	197601	PROV SALES TAX RATE - HOUSEHOLD APPLIANCES	10000	TRANSFORMATION
RP-ITS-CDT10	194701	197601	PROV SALES TAX RATE - NEW AND USED AUTOMOBILES	10000	TRANSFORMATION
RP-ITS-CDT20	194701	197601	PROV SALES TAX RATE - REPAIR AND PARTS	10000	TRANSFORMATION
RP-ITS-CHC10	194701	197601	PROV SALES TAX RATE - MEN'S AND BOY'S CLOTHING	10000	TRANSFORMATION
RP-ITS-CHC20	194701	197601	PROV SALES TAX RATE - WOMEN'S GIRLS AND INFANTS WEAR	10000	TRANSFORMATION
RP-ITS-CHC30	194701	197601	PROV SALES TAX RATE - FOOTWEAR AND REPAIR	10000	TRANSFORMATION
RP-ITS-CHC40	194701	197601	PROV SALES TAX RATE - BOOKS, NEWSPAPERS AND MAGAZINES	10000	TRANSFORMATION
RP-ITS-CHH30	194701	197601	PROV SALES TAX RATE - SEMI-DURABLE HOUSEHOLD FURNISHINGS	10000	TRANSFORMATION
RP-ITS-CHP10	194701	197601	PROV SALES TAX RATE - JEWELLERY WATCHES AND REPAIRS	10000	TRANSFORMATION
RP-ITS-CHP20	194701	197601	PROV SALES TAX RATE - FOOD AND NON-ALCOHOLIC BEVERAGES	10000	TRANSFORMATION
RP-ITS-CHP30	194701	197601	PROV SALES TAX RATE - ALCOHOLIC BEVERAGES	10000	TRANSFORMATION
RP-ITS-CHP40	194701	197601	PROV SALES TAX RATE - TOBACCO	10000	TRANSFORMATION
RP-ITS-CHP50	194701	197601	PROV SALES TAX RATE - NON-DURABLES HOUSEHOLD SUPPLIES	10000	TRANSFORMATION
RP-ITS-CHP60	194701	197601	PROV SALES TAX RATE - DRUGS AND SUMORIES	10000	TRANSFORMATION
RP-ITS-CHM40	194701	197601	PROV SALES TAX RATE - TOILET ARTICLES AND COSMETICS	10000	TRANSFORMATION
RP-ITS-CHM50	194701	197601	PROV SALES TAX RATE - ELECTRICITY	10000	TRANSFORMATION
RP-ITS-CHM60	194701	197601	PROV SALES TAX RATE - GAS	10000	TRANSFORMATION
RP-ITS-CHM70	194701	197601	PROV SALES TAX RATE - OTHER FUELS	10000	TRANSFORMATION
RP-ITS-CHM80	194701	197601	PROV SALES TAX RATE - GASOLINE CIL AND GREASE	10000	TRANSFORMATION
RP-ITS-CHM90	194701	197601	PROV SALES TAX RATE - RECREATIONAL SERVICES	10000	TRANSFORMATION
RP-ITS-CHS30	194701	197601	PROV SALES TAX RATE - LAUNDRY AND DRY CLEANING	10000	TRANSFORMATION
RP-ITS-CHS40	194701	197601	PROV SALES TAX RATE - EXPENDITURE ON RESTAURANTS AND HOTELS	10000	TRANSFORMATION
RP-ITS-CHS50	194701	197601	PROV SALES TAX RATE - OTHER LODGING	10000	TRANSFORMATION
RP-ITS-CHS60	194701	197601	PROV SALES TAX RATE - OTHER AUTO RELATED SERVICES	10000	TRANSFORMATION
RP-ITS-CHS70	194701	197601	PROV SALES TAX RATE - COMMUNICATIONS	10000	TRANSFORMATION
RP-ITS-CHS80	194701	197601	PROV SALES TAX RATE - COMMUNICATIONS	10000	TRANSFORMATION

VARIABLE	FROM	TO	DESCRIPTION	UNITS	SOURCE
GVL-B-RES	195101 -	197501 -	NET NEW ISSUES OF LOCAL GOVT BONDS - ADJUSTING ENTRY	10**6 \$	TRANSFORMATION
GVL-B-STOCK	195001 -	197501 -	STOCK OF OUTSTANDING LOCAL GOVT BONDS - RESIDUAL DEFINITION	10**6 \$	TRANSFORMATION
GVL-B-RES	195001 -	197601 -	PROV GOVT BUDGET RESTRAINT RESIDUAL NET OF PENS	10**6 \$	TRANSFORMATION
GVP-B-SPLIT	195001 -	197601 -	STOCK OF OUTSTANDING PROVINCIAL BONDS - PROPORTION HELD ABROAD	10**6 \$	TRANSFORMATION
GVP-B-STOCK	195001 -	197601 -	STOCK OF OUTSTANDING PROVINCIAL BONDS NET OF PENSION HOLDINGS	10**6 \$	TRANSFORMATION
HAGF T1 -21*41 .7	194801 -	197501 -	AVE WKLY HRS - AGRICULTURE, FISHTRAPPING, INDST	10**0 HOURS	PD-STATCAN
HCHST	194801 -	197501 -	AVE WKLY HRS - COMMUNICATION & TRANSPORTATION	10**0 HOURS	PD-STATCAN
HCHST+TRSP	194801 -	197501 -	DUMMY VARIABLE - AVERAGE WEEKLY HOURS BLOCK	10**0	ECC
HOURWY 65	195001 -	197601 -	AVE WKLY HRS - TOTAL ECONOMY	10**0 HOURS	TRANSFORMATION
HE	195001 -	197501 -	AVE WKLY HRS - FIN-INS- & REAL ESTATE INDST	10**0 HOURS	PD-STATCAN
HFI87E01 .37	194801 -	197501 -	AVE WKLY HRS - FORESTRY INDUSTRIES	10**0 HOURS	PD-STATCAN
HFI87E1 .9	195001 -	197501 -	AVE WKLY HRS - PUBLIC ADMINISTRATION (INCL-DEF.)	10**0 HOURS	PD-STATCAN
HGPA	195001 -	197501 -	AVE WKLY HRS - MANUFACTURING, TOTAL	10**0 HOURS	PD-STATCAN
HMF	194801 -	197501 -	AVE WKLY HRS - MANUFACTURING DURABLES, TOTAL	10**0 HOURS	TRANSFORMATION
HMFDR	195701 -	197501 -	AVE WKLY HRS - FOOD INDUSTRIES	10**0 HOURS	TRANSFORMATION
HMFDR2 51 .59	195701 -	197501 -	AVE WKLY HRS - FURNITURE AND FIXTURES INDUSTRIES	10**0 HOURS	TRANSFORMATION
HMFDR2 61 .68	195701 -	197501 -	AVE WKLY HRS - IRON AND STEEL INDUSTRIES	10**0 HOURS	TRANSFORMATION
HMFDR2 91 .94	195701 -	197501 -	AVE WKLY HRS - PRIMARY METAL INDUSTRIES	10**0 HOURS	TRANSFORMATION
HMFDR2 91 .98	195701 -	197501 -	AVE WKLY HRS - NON FERROUS METAL INDUSTRIES	10**0 HOURS	TRANSFORMATION
HMFDR2 95 .98	195701 -	197501 -	AVE WKLY HRS - TEXTILE, FIBER, & APPAREL INDUSTRIES	10**0 HOURS	TRANSFORMATION
HMFDR3 01 .09	195701 -	197501 -	AVE WKLY HRS - METAL FABRICATING INDUSTRIES	10**0 HOURS	TRANSFORMATION
HMFDR3 11 .18	195701 -	197501 -	AVE WKLY HRS - MACHINERY, EXCEPT ELECTRIC, INDST	10**0 HOURS	TRANSFORMATION
HMFDR3 21 .29	195701 -	197501 -	AVE WKLY HRS - TRANSPORTATION EQUIPMENT INDST	10**0 HOURS	TRANSFORMATION
HMFDR3 21 6326 .29	195701 -	197501 -	AVE WKLY HRS - MOTOR VEHICLE INDST (EXCEPT PARTS&ACC)	10**0 HOURS	TRANSFORMATION
HMFDR3 23 .24	195701 -	197501 -	AVE WKLY HRS - MOTOR VEHICLE PARTS&ACC, INDST	10**0 HOURS	TRANSFORMATION
HMFDR3 25	195701 -	197501 -	AVE WKLY HRS - ELECTRICAL, ELECTRONIC, & INSTRUMENT INDUSTRIES	10**0 HOURS	TRANSFORMATION
HMFDR3 31 .39	195701 -	197501 -	AVE WKLY HRS - NON METALLIC MINERAL PRODUCT INDUST	10**0 HOURS	TRANSFORMATION
HMFDR3 51 .59	195701 -	197501 -	AVE WKLY HRS - FOOD AND BEVERAGE INDUSTRIES	10**0 HOURS	TRANSFORMATION
HMFND	195701 -	197501 -	AVE WKLY HRS - TOBACCO PRODUCTS INDUSTRIES	10**0 HOURS	TRANSFORMATION
HMFND 03 01 .09	195701 -	197501 -	AVE WKLY HRS - RUBBER AND PLASTIC PRODUCTS INDST	10**0 HOURS	TRANSFORMATION
HMFND 03 51 .53	195701 -	197501 -	AVE WKLY HRS - LEATHER INDUSTRIES	10**0 HOURS	TRANSFORMATION
HMFND 03 62 .65	195701 -	197501 -	AVE WKLY HRS - TEXTILE INDUSTRIES	10**0 HOURS	TRANSFORMATION
HMFND 03 72 .79	195701 -	197501 -	AVE WKLY HRS - KNITTING & CLOTHING MILLS INDST	10**0 HOURS	TRANSFORMATION
HMFND 03 81 .89	195701 -	197501 -	AVE WKLY HRS - PAPER AND ALLIED INDUSTRIES	10**0 HOURS	TRANSFORMATION
HMFND 03 91 .94	195701 -	197501 -	AVE WKLY HRS - PRINTING, PUBLISHING & ALLIED INDST	10**0 HOURS	TRANSFORMATION
HMFND 03 91 .98	195701 -	197501 -	AVE WKLY HRS - PETROLEUM & COAL PRODUCTS INDST	10**0 HOURS	TRANSFORMATION
HMFND 03 95 .99	195701 -	197501 -	AVE WKLY HRS - CHEMICAL & ALLIED PRODUCTS INDST	10**0 HOURS	TRANSFORMATION
HMFND 03 98 .99	195701 -	197501 -	AVE WKLY HRS - MISCELLANEOUS MANUFACTURING INDST	10**0 HOURS	PD-STATCAN
HMFND 03 99 .99	195701 -	197501 -	AVE WKLY HRS - MINING, TOTAL	10**0 HOURS	TRANSFORMATION
HMI	194801 -	197501 -	AVE WKLY HRS - COAL MINING INDUSTRIES	10**0 HOURS	TRANSFORMATION
HMIC61	195701 -	197501 -	AVE WKLY HRS - CRD PET, MATL, CASES, SERV, INCID, TO MIN	10**0 HOURS	TRANSFORMATION
HMIC64*96 .9	195701 -	197501 -	AVE WKLY HRS - METAL MINING INDUSTRIES	10**0 HOURS	TRANSFORMATION
HMINP5 1 .9	195701 -	197501 -	AVE WKLY HRS - NON METAL MINING (EXCEPT COAL) INDST	10**0 HOURS	PD-STATCAN
HMINM7 1 .87	195701 -	197501 -	AVE WKLY HRS - SERVICES	10**0 HOURS	PD-STATCAN
HSV	194801 -	197501 -	AVE WKLY HRS - WHOLESALE & RETAIL TRADE INDST	10**0 HOURS	PD-STATCAN
HTRAD6 02 .99	195001 -	197501 -	AVE WKLY HRS - UTILITY INDUSTRIES	10**0 HOURS	PD-STATCAN
HUT115 72 .79	194601 -	197601 -	ACCELERATED DEPRECIATION	RATE PER 10**0	REVCANTX REG DIV
IAD					

VARIABLE	FROM	TO	DESCRIPTION	UNITS	SOURCE
1ETHFND286.9	194601	197601	EFF TAX RT PRINT,PUB & ALLIED INDST	RATE PER 1000	STATCAN FIN DIV
1ETHFND365.9	194601	197601	EFF TAX RT PET & COAL PROD INDST	RATE PER 1000	STATCAN FIN DIV
1ETHFND372.9	194601	197601	EFF TAX RT CHEM & CHEM PROD INDST	RATE PER 1000	STATCAN FIN DIV
1ETHFND391.9	194601	197601	EFF TAX RT MISC MANUF INDST	RATE PER 1000	STATCAN FIN DIV
1ETHICL61	194601	197601	EFF TAX RT COAL MIN	RATE PER 1000	STATCAN FIN DIV
1ETHIM51.9	194601	197601	EFF TAX RT METAL MIN INDST	RATE PER 1000	STATCAN FIN DIV
1ETHIM71.87	194601	197601	EFF TAX RT NON METAL MIN (EX COAL) INDST	RATE PER 1000	STATCAN FIN DIV
1ETHIP64.96.9	194601	197601	EFF TAX RT CDR PET NATL GASESERV INC TO MIN INDST	RATE PER 1000	STATCAN FIN DIV
1ETSVCH	194601	197601	EFF TAX RT COLLEGE & UNIV EDUCATION	RATE PER 1000	STATCAN FIN DIV
1ETSVHGD806	194601	197601	EFF TAX RT OTHER NONCOMMER SVCS	RATE PER 1000	STATCAN FIN DIV
1ETSVNC	194601	197601	EFF TAX RT WHLSE & RETAIL TRADE INDST	RATE PER 1000	STATCAN FIN DIV
1ETTRAD602.99	194601	197601	EFF TAX RT TRANSPORT INDST	RATE PER 1000	STATCAN FIN DIV
1ETTRAP501.27	194601	197601	EFF TAX RT UTILITY INDST	RATE PER 1000	STATCAN FIN DIV
1ETUTIL572.9	194601	197601	EFF TAX RT FIN INS & REAL ESTATE INDST - BLDG CONSTRUCTION	10006 \$	TRANSFORMATION
1FIREC701.37	194601	197601	INV FIN INS & REAL ESTATE INDST - BLDG CONSTRUCTION	10006 \$	TRANSFORMATION
1FIREC701.37\$	194601	197601	INV FIN INS & REAL ESTATE INDST - MACH & EQUIP	10006 \$	TRANSFORMATION
1FIREN701.37	194601	197601	INV FIN INS & REAL ESTATE INDST - MACH & EQUIP	10006 \$	TRANSFORMATION
1FIREN701.37\$	194601	197601	INV FIN INS & REAL ESTATE INDST - MACH & EQUIP	10006 \$	TRANSFORMATION
1FSTYC31.9	194601	197601	INV FORESTRY INDST - BLDG & ENG CONSTRUCTION	10006 \$	TRANSFORMATION
1FSTYC31.9\$	194601	197601	INV FORESTRY INDST - BLDG & ENG CONSTRUCTION	10006 \$	TRANSFORMATION
1FSTYH31.9	194601	197601	INV FORESTRY INDST - MACH & EQUIP	10006 \$	TRANSFORMATION
1FSTYH31.9\$	194601	197601	INV FORESTRY INDST - MACH & EQUIP	10006 \$	TRANSFORMATION
1INVBC	194601	197601	INV BUS NONRES CONST - CONSTRUCTION DIVISION	10006 \$	TRANSFORMATION
1INVB4	194601	197601	INV BUS NONRES CONST - CONSTRUCTION DIVISION	10006 \$	TRANSFORMATION
1INVB4\$	194601	197601	INV BUS NONRES CONST - CONSTRUCTION DIVISION	10006 \$	TRANSFORMATION
1KAGETC	194701	197601	INV BUS MACH & EQUIP - CONSTRUCTION DIVISION	10006 \$	TRANSFORMATION
1KAGFTM	194701	197601	INV BUS MACH & EQUIP - CONSTRUCTION DIVISION	10006 \$	TRANSFORMATION
1KAGFTC	194701	197601	CAP STOCK AGRIC FISH & TRAP INDST - MACH & EQUIP	10006 \$	TRANSFORMATION
1KCNSTC	194701	197601	CAP STOCK CONSTRUCTION INDST - BLDG & ENG CONSTRUCTION	10006 \$	TRANSFORMATION
1KCNSTM	194701	197601	CAP STOCK CONSTRUCTION INDST - BLDG & ENG CONSTRUCTION	10006 \$	TRANSFORMATION
1KCNH543.8	194701	197601	CAP STOCK COMMUNICATION INDST - MACH & EQUIP	10006 \$	TRANSFORMATION
1KCNH543.8	194701	197601	CAP STOCK COMMUNICATION INDST - MACH & EQUIP	10006 \$	TRANSFORMATION
1KPC701.37	194701	197601	CAP STOCK FIN INS & REAL ESTATE INDST - BLDG CONSTRUCTION	10006 \$	TRANSFORMATION
1KPC701.37\$	194701	197601	CAP STOCK FIN INS & REAL ESTATE INDST - MACH & EQUIP	10006 \$	TRANSFORMATION
1KPC701.37	194701	197601	CAP STOCK FORESTRY INDST - BLDG & ENG CONSTRUCTION	10006 \$	TRANSFORMATION
1KPC701.37\$	194701	197601	CAP STOCK FORESTRY INDST - BLDG & ENG CONSTRUCTION	10006 \$	TRANSFORMATION
1KSTYC31.9	194701	197601	CAP STOCK MANUF TOTAL - BLDG & ENG CONSTRUCTION	10006 \$	TRANSFORMATION
1KSTYC31.9\$	194701	197601	CAP STOCK MANUF DURABLE TOTAL - BLDG & ENG CONSTRUCTION	10006 \$	TRANSFORMATION
1KSTYC31.9	194701	197601	CAP STOCK MANUF DURABLE TOTAL - BLDG & ENG CONSTRUCTION	10006 \$	TRANSFORMATION
1KSTYC31.9\$	194701	197601	CAP STOCK MANUF DURABLE TOTAL - BLDG & ENG CONSTRUCTION	10006 \$	TRANSFORMATION
1KSTYC31.9	194701	197601	CAP STOCK WOOD INDST - BLDG & ENG CONSTRUCTION	10006 \$	TRANSFORMATION
1KSTYC31.9\$	194701	197601	CAP STOCK WOOD INDST - BLDG & ENG CONSTRUCTION	10006 \$	TRANSFORMATION
1KSTYC31.9	194701	197601	CAP STOCK IRON & STEEL INDST - BLDG CONSTRUCTION	10006 \$	TRANSFORMATION
1KSTYC31.9\$	194701	197601	CAP STOCK IRON & STEEL INDST - BLDG CONSTRUCTION	10006 \$	TRANSFORMATION
1KSTYC31.9	194701	197601	CAP STOCK PRIMARY METAL INDST - BLDG & ENG CONSTRUCTION	10006 \$	TRANSFORMATION
1KSTYC31.9\$	194701	197601	CAP STOCK PRIMARY METAL INDST - BLDG & ENG CONSTRUCTION	10006 \$	TRANSFORMATION
1KSTYC31.9	194701	197601	CAP STOCK NONFERROUS METALS - BLDG & ENG CONSTRUCTION	10006 \$	TRANSFORMATION
1KSTYC31.9\$	194701	197601	CAP STOCK NONFERROUS METALS - BLDG & ENG CONSTRUCTION	10006 \$	TRANSFORMATION
1KSTYC31.9	194701	197601	CAP STOCK MACH (EXCL ELEC MACH) INDST - BLDG & ENG CONSTRUCTION	10006 \$	TRANSFORMATION
1KSTYC31.9\$	194701	197601	CAP STOCK MACH (EXCL ELEC MACH) INDST - BLDG & ENG CONSTRUCTION	10006 \$	TRANSFORMATION
1KSTYC31.9	194701	197601	CAP STOCK TRANSPORT EQUIP INDST - BLDG & ENG CONSTRUCTION	10006 \$	TRANSFORMATION
1KSTYC31.9\$	194701	197601	CAP STOCK TRANSPORT EQUIP INDST - BLDG & ENG CONSTRUCTION	10006 \$	TRANSFORMATION
1KSTYC31.9	194701	197601	CAP STOCK NON AUTO TRANSPORT EQUIP - BLDG & ENG CONSTRUCTION	10006 \$	TRANSFORMATION
1KSTYC31.9\$	194701	197601	CAP STOCK NON AUTO TRANSPORT EQUIP - BLDG & ENG CONSTRUCTION	10006 \$	TRANSFORMATION
1KSTYC31.9	194701	197601	CAP STOCK MOTOR VEHICLE PARTS & ACC - BLDG & ENG CONSTRUCTION	10006 \$	TRANSFORMATION
1KSTYC31.9\$	194701	197601	CAP STOCK MOTOR VEHICLE PARTS & ACC - BLDG & ENG CONSTRUCTION	10006 \$	TRANSFORMATION

VARIABLE	FROM	TO	DESCRIPTION	UNITS	SOURCE
IKMFD331.9	194701	197601	CAP STOCK ELECTRICAL PROD INDST - BLDG & ENG CONSTRUCTION	10006 \$ 1971	TRANSFORMATION
IKMFD331.9	194701	197601	CAP STOCK NON METAL MIN PROD INDST - BLDG & ENG CONSTRUCTION	10006 \$ 1971	TRANSFORMATION
IKMFD331.9	194701	197601	CAP STOCK MANUF DURABLE TOTAL - MACH & EQUIP	10006 \$ 1971	TRANSFORMATION
IKMFD331.9	194701	197601	CAP STOCK WOOD INDST - MACH & EQUIP & CICIOE	10006 \$ 1971	TRANSFORMATION
IKMFD251.9	194701	197601	CAP STOCK FURN & FIXT INDST - MACH & EQUIP & CICIOE	10006 \$ 1971	TRANSFORMATION
IKMFD261.8	194701	197601	CAP STOCK IRON & STEEL INDST - MACH & EQUIP & CICIOE	10006 \$ 1971	TRANSFORMATION
IKMFD291.8	194701	197601	CAP STOCK PRIMARY METAL INDST - MACH & EQUIP	10006 \$ 1971	TRANSFORMATION
IKMFD295.8	194701	197601	CAP STOCK NONFERROUS METALS - MACH & EQUIP & CICIOE	10006 \$ 1971	TRANSFORMATION
IKMFD301.9	194701	197601	CAP STOCK METAL FAB INDST - MACH & EQUIP & CICIOE	10006 \$ 1971	TRANSFORMATION
IKMFD311.8	194701	197601	CAP STOCK MACH & ELEC MACH INDST - MACH & EQUIP & CICIOE	10006 \$ 1971	TRANSFORMATION
IKMFD321.9	194701	197601	CAP STOCK TRANSPORT EQUIP INDST - MACH & EQUIP	10006 \$ 1971	TRANSFORMATION
IKMFD321.9	194701	197601	CAP STOCK NON AUTO TRANSPORT EQUIP - MACH & EQUIP & CICIOE	10006 \$ 1971	TRANSFORMATION
IKMFD321.9	194701	197601	CAP STOCK MOTOR VEH PARTS & ACC INDST - MACH & EQUIP & CICIOE	10006 \$ 1971	TRANSFORMATION
IKMFD323.4	194701	197601	CAP STOCK MOTOR VEH PARTS & ACC INDST - MACH & EQUIP & CICIOE	10006 \$ 1971	TRANSFORMATION
IKMFD325	194701	197601	CAP STOCK ELECTRICAL PROD INDST - MACH & EQUIP & CICIOE	10006 \$ 1971	TRANSFORMATION
IKMFD331.9	194701	197601	CAP STOCK NON METAL MIN PROD INDST - MACH & EQUIP & CICIOE	10006 \$ 1971	TRANSFORMATION
IKMFD351.9	194701	197601	CAP STOCK MANUF TOTAL - MACH & EQUIP	10006 \$ 1971	TRANSFORMATION
IKMFD351.9	194701	197601	CAP STOCK MANUF DURABLE TOTAL - BLDG & ENG CONSTRUCTION	10006 \$ 1971	TRANSFORMATION
IKMFD351.9	194701	197601	CAP STOCK TOBACCO & BEV INDST - BLDG & ENG CONSTRUCTION	10006 \$ 1971	TRANSFORMATION
IKMFD351.9	194701	197601	CAP STOCK TOBACCO & BEV INDST - BLDG & ENG CONSTRUCTION	10006 \$ 1971	TRANSFORMATION
IKMFD351.9	194701	197601	CAP STOCK RUBBER & PLASTIC PROD INDST - BLDG & ENG CONSTRUCTION	10006 \$ 1971	TRANSFORMATION
IKMFD351.9	194701	197601	CAP STOCK LEATHER INDST - BLDG & ENG CONSTRUCTION	10006 \$ 1971	TRANSFORMATION
IKMFD351.9	194701	197601	CAP STOCK TEXTILE INDST - BLDG & ENG CONSTRUCTION	10006 \$ 1971	TRANSFORMATION
IKMFD351.9	194701	197601	CAP STOCK KNITTING & CLOTHING INDST - BLDG & ENG CONSTRUCTION	10006 \$ 1971	TRANSFORMATION
IKMFD351.9	194701	197601	CAP STOCK PAPER & ALLIED INDST - BLDG & ENG CONSTRUCTION	10006 \$ 1971	TRANSFORMATION
IKMFD351.9	194701	197601	CAP STOCK PAPER & ALLIED INDST - BLDG & ENG CONSTRUCTION	10006 \$ 1971	TRANSFORMATION
IKMFD351.9	194701	197601	CAP STOCK CHEM & CHEM PROD INDST - BLDG & ENG CONSTRUCTION	10006 \$ 1971	TRANSFORMATION
IKMFD351.9	194701	197601	CAP STOCK MISC MANUF INDST - BLDG & ENG CONSTRUCTION	10006 \$ 1971	TRANSFORMATION
IKMFD351.9	194701	197601	CAP STOCK MANUF DURABLE TOTAL - MACH & EQUIP	10006 \$ 1971	TRANSFORMATION
IKMFD351.9	194701	197601	CAP STOCK FOOD & BEV INDST - MACH & EQUIP & CICIOE	10006 \$ 1971	TRANSFORMATION
IKMFD351.9	194701	197601	CAP STOCK TOBACCO & BEV INDST - MACH & EQUIP & CICIOE	10006 \$ 1971	TRANSFORMATION
IKMFD351.9	194701	197601	CAP STOCK RUBBER & PLASTIC PROD INDST - MACH & EQUIP & CICIOE	10006 \$ 1971	TRANSFORMATION
IKMFD351.9	194701	197601	CAP STOCK LEATHER INDST - MACH & EQUIP & CICIOE	10006 \$ 1971	TRANSFORMATION
IKMFD351.9	194701	197601	CAP STOCK TEXTILE INDST - MACH & EQUIP & CICIOE	10006 \$ 1971	TRANSFORMATION
IKMFD351.9	194701	197601	CAP STOCK KNITTING & CLOTHING INDST - MACH & EQUIP & CICIOE	10006 \$ 1971	TRANSFORMATION
IKMFD351.9	194701	197601	CAP STOCK PAPER & ALLIED INDST - MACH & EQUIP & CICIOE	10006 \$ 1971	TRANSFORMATION
IKMFD351.9	194701	197601	CAP STOCK PET & CHEM PROD INDST - MACH & EQUIP & CICIOE	10006 \$ 1971	TRANSFORMATION
IKMFD351.9	194701	197601	CAP STOCK MISC MANUF INDST - MACH & EQUIP & CICIOE	10006 \$ 1971	TRANSFORMATION
IKMFD351.9	194701	197601	CAP STOCK MINING TOTAL - BLDG & ENG CONSTRUCTION	10006 \$ 1971	TRANSFORMATION
IKMFD351.9	194701	197601	CAP STOCK COAL MIN - BLDG & ENG CONSTRUCTION	10006 \$ 1971	TRANSFORMATION
IKMFD351.9	194701	197601	CAP STOCK COAL MIN - MACH & EQUIP & CICIOE	10006 \$ 1971	TRANSFORMATION
IKMFD351.9	194701	197601	CAP STOCK MINING TOTAL - MACH & EQUIP	10006 \$ 1971	TRANSFORMATION
IKMFD351.9	194701	197601	CAP STOCK METAL MINING INDST - BLDG & ENG CONSTRUCTION	10006 \$ 1971	TRANSFORMATION
IKMFD351.9	194701	197601	CAP STOCK METAL MINING INDST - MACH & EQUIP	10006 \$ 1971	TRANSFORMATION
IKMFD351.9	194701	197601	CAP STOCK NON METAL MIN INDST - BLDG & ENG CONSTRUCTION	10006 \$ 1971	TRANSFORMATION
IKMFD351.9	194701	197601	CAP STOCK NON METAL MIN INDST - MACH & EQUIP & CICIOE	10006 \$ 1971	TRANSFORMATION

VARIABLE	FROM	TO	DESCRIPTION	UNITS	SOURCE
IKRIPC64+96.9	194701	- 197601	CAP STOCK CRD PET MATL GAS & SERV INC TO MIN IND - B & E CONST	10**6 \$ 1971	TRANSFORMATION
IKRIPM64+96.9	194701	- 197601	CAP STOCK CRD PET MATL GAS & SERV INC TO MIN IND - MACH & EQUIP	10**6 \$ 1971	TRANSFORMATION
IKSWCH	194701	- 197601	CAP STOCK COMMER SVCS INDST - BLDG CONSTRUCTION	10**6 \$ 1971	TRANSFORMATION
IKSWCH	194701	- 197601	CAP STOCK COMMER SVCS INDST - MACH & EQUIP	10**6 \$ 1971	TRANSFORMATION
IKSWHEDC806	194701	- 197601	CAP STOCK COLLEGE & UNIV EDUC - BLDG CONSTRUCTION	10**6 \$ 1971	TRANSFORMATION
IKSWHEDM806	194701	- 197601	CAP STOCK COLLEGE & UNIV EDUC - MACH & EQUIP	10**6 \$ 1971	TRANSFORMATION
IKSWNC	194701	- 197601	CAP STOCK OTHER NONCOMMER SVCS INDST - BLDG CONSTRUCTION	10**6 \$ 1971	TRANSFORMATION
IKSWNC	194701	- 197601	CAP STOCK OTHER NONCOMMER SVCS INDST - MACH & EQUIP	10**6 \$ 1971	TRANSFORMATION
IKTRAD602.99	194701	- 197601	CAP STOCK WHLSE & RETAIL TRADE INDST - BLDG CONSTRUCTION	10**6 \$ 1971	TRANSFORMATION
IKTRAD602.99	194701	- 197601	CAP STOCK WHLSE & RETAIL TRADE INDST - MACH & EQUIP	10**6 \$ 1971	TRANSFORMATION
IKTRSP6501.27	194701	- 197601	CAP STOCK TRANSPORT INDST - BLDG & ENG CONSTRUCTION	10**6 \$ 1971	TRANSFORMATION
IKTRSP6501.27	194701	- 197601	CAP STOCK TRANSPORT INDST - MACH & EQUIP & CICIOE	10**6 \$ 1971	TRANSFORMATION
IKUTIL6572.9	194701	- 197601	CAP STOCK UTILITY INDST - BLDG CONSTRUCTION	10**6 \$ 1971	TRANSFORMATION
IKUTIL6572.9	194701	- 197601	CAP STOCK UTILITY INDST - MACH & EQUIP & CICIOE	10**6 \$ 1971	TRANSFORMATION
ILFAGFTC	194601	- 197601	ECOM LIFE AGRIC FISH & TRAP INDST - BLDG & ENG CONSTRUCTION	10**0 YEARS	TRANSFORMATION
ILFAGFTC	194601	- 197601	ECOM LIFE AGRIC FISH & TRAP INDST - MACH & EQUIP	10**0 YEARS	TRANSFORMATION
ILFCMS TC	194601	- 197601	ECOM LIFE CONSTRUCTION INDST - PACH & EQUIP	10**0 YEARS	TRANSFORMATION
ILFCMS TC	194601	- 197601	ECOM LIFE CONSTRUCTION INDST - BLDG & ENG CONSTRUCTION	10**0 YEARS	TRANSFORMATION
ILFCMCM54.3.8	194601	- 197601	ECOM LIFE COMMUNICATION INDST - MACH & EQUIP	10**0 YEARS	TRANSFORMATION
ILFCMCM54.3.8	194601	- 197601	ECOM LIFE COMMUNICATION INDST - BLDG CONSTRUCTION	10**0 YEARS	TRANSFORMATION
ILFFIREC701.37	194601	- 197601	ECOM LIFE FIN INS & REAL ESTATE INDST - BLDG CONSTRUCTION	10**0 YEARS	TRANSFORMATION
ILFFIREC701.37	194601	- 197601	ECOM LIFE FIN INS & REAL ESTATE INDST - MACH & EQUIP	10**0 YEARS	TRANSFORMATION
ILFFSTYC31.9	194601	- 197601	ECOM LIFE FORESTRY INDST - BLDG & ENG CONSTRUCTION	10**0 YEARS	TRANSFORMATION
ILFFSTYC31.9	194601	- 197601	ECOM LIFE FORESTRY INDST - MACH & EQUIP	10**0 YEARS	TRANSFORMATION
ILFMD251.9	194601	- 197601	ECOM LIFE WOOD INDST - BLDG & ENG CONSTRUCTION	10**0 YEARS	TRANSFORMATION
ILFMD251.9	194601	- 197601	ECOM LIFE WOOD INDST - BLDG CONSTRUCTION	10**0 YEARS	TRANSFORMATION
ILFMD261.8	194601	- 197601	ECOM LIFE IRON & STEEL INDST - BLDG & ENG CONSTRUCTION	10**0 YEARS	TRANSFORMATION
ILFMD261.8	194601	- 197601	ECOM LIFE IRON & STEEL INDST - BLDG CONSTRUCTION	10**0 YEARS	TRANSFORMATION
ILFMD291.4	194601	- 197601	ECOM LIFE METAL FAB INDST - BLDG & ENG CONSTRUCTION	10**0 YEARS	TRANSFORMATION
ILFMD291.4	194601	- 197601	ECOM LIFE METAL FAB INDST - BLDG CONSTRUCTION	10**0 YEARS	TRANSFORMATION
ILFMD325	194601	- 197601	ECOM LIFE NON AUTO TRANSPORT EQUIP - BLDG & ENG CONSTRUCTION	10**0 YEARS	TRANSFORMATION
ILFMD325	194601	- 197601	ECOM LIFE NON AUTO TRANSPORT EQUIP - BLDG CONSTRUCTION	10**0 YEARS	TRANSFORMATION
ILFMD331.9	194601	- 197601	ECOM LIFE MOTOR VEHICLE (EX PARTISEACC) - BLDG & ENG CONSTRUCTION	10**0 YEARS	TRANSFORMATION
ILFMD331.9	194601	- 197601	ECOM LIFE MOTOR VEHICLE (EX PARTISEACC) - BLDG CONSTRUCTION	10**0 YEARS	TRANSFORMATION
ILFMD331.9	194601	- 197601	ECOM LIFE MOTOR VEHICLE PARTS & ACC - BLDG & ENG CONSTRUCTION	10**0 YEARS	TRANSFORMATION
ILFMD331.9	194601	- 197601	ECOM LIFE MOTOR VEHICLE PARTS & ACC - BLDG CONSTRUCTION	10**0 YEARS	TRANSFORMATION
ILFMD321+26.9	194601	- 197601	ECOM LIFE ELECTRICAL PROD INDST - BLDG & ENG CONSTRUCTION	10**0 YEARS	TRANSFORMATION
ILFMD321+26.9	194601	- 197601	ECOM LIFE ELECTRICAL PROD INDST - BLDG CONSTRUCTION	10**0 YEARS	TRANSFORMATION
ILFMD325	194601	- 197601	ECOM LIFE NON METAL MIN PROD INDST - BLDG & ENG CONSTRUCTION	10**0 YEARS	TRANSFORMATION
ILFMD325	194601	- 197601	ECOM LIFE NON METAL MIN PROD INDST - BLDG CONSTRUCTION	10**0 YEARS	TRANSFORMATION
ILFMD331.9	194601	- 197601	ECOM LIFE WOOD INDST - MACH & EQUIP & CICIOE	10**0 YEARS	TRANSFORMATION
ILFMD331.9	194601	- 197601	ECOM LIFE WOOD INDST - MACH & EQUIP	10**0 YEARS	TRANSFORMATION
ILFMD351.9	194601	- 197601	ECOM LIFE IRON & STEEL INDST - MACH & EQUIP & CICIOE	10**0 YEARS	TRANSFORMATION
ILFMD351.9	194601	- 197601	ECOM LIFE IRON & STEEL INDST - MACH & EQUIP	10**0 YEARS	TRANSFORMATION
ILFMD261.8	194601	- 197601	ECOM LIFE NON FERROUS METALS - MACH & EQUIP & CICIOE	10**0 YEARS	TRANSFORMATION
ILFMD261.8	194601	- 197601	ECOM LIFE NON FERROUS METALS - MACH & EQUIP	10**0 YEARS	TRANSFORMATION
ILFMD291.4	194601	- 197601	ECOM LIFE METAL FAB INDST - MACH & EQUIP & CICIOE	10**0 YEARS	TRANSFORMATION
ILFMD291.4	194601	- 197601	ECOM LIFE METAL FAB INDST - MACH & EQUIP	10**0 YEARS	TRANSFORMATION
ILFMD331.9	194601	- 197601	ECOM LIFE MACH (EX ELEC MACH) INDST - MACH & EQUIP & CICIOE	10**0 YEARS	TRANSFORMATION
ILFMD331.9	194601	- 197601	ECOM LIFE MACH (EX ELEC MACH) INDST - MACH & EQUIP	10**0 YEARS	TRANSFORMATION
ILFMD331.9	194601	- 197601	ECOM LIFE NON AUTO TRANSPORT EQUIP - MACH & EQUIP & CICIOE	10**0 YEARS	TRANSFORMATION
ILFMD331.9	194601	- 197601	ECOM LIFE NON AUTO TRANSPORT EQUIP - MACH & EQUIP	10**0 YEARS	TRANSFORMATION
ILFMD331.9	194601	- 197601	ECOM LIFE MOTOR VEHICLE (EX PARTISEACC) - MACH & EQUIP & CICIOE	10**0 YEARS	TRANSFORMATION
ILFMD331.9	194601	- 197601	ECOM LIFE MOTOR VEHICLE (EX PARTISEACC) - MACH & EQUIP	10**0 YEARS	TRANSFORMATION
ILFMD331.9	194601	- 197601	ECOM LIFE ELECTRICAL PROD INDST - MACH & EQUIP & CICIOE	10**0 YEARS	TRANSFORMATION
ILFMD331.9	194601	- 197601	ECOM LIFE ELECTRICAL PROD INDST - MACH & EQUIP	10**0 YEARS	TRANSFORMATION
ILFMD331.9	194601	- 197601	ECOM LIFE NON METAL MIN PROD INDST - MACH & EQUIP & CICIOE	10**0 YEARS	TRANSFORMATION
ILFMD331.9	194601	- 197601	ECOM LIFE NON METAL MIN PROD INDST - MACH & EQUIP	10**0 YEARS	TRANSFORMATION
ILFMD331.9	194601	- 197601	ECOM LIFE FOOD & BEVERAGES INDST - BLDG & ENG CONSTRUCTION	10**0 YEARS	TRANSFORMATION
ILFMD331.9	194601	- 197601	ECOM LIFE FOOD & BEVERAGES INDST - BLDG CONSTRUCTION	10**0 YEARS	TRANSFORMATION
ILFMD331.9	194601	- 197601	ECOM LIFE TOBACCO PROD INDST - BLDG & ENG CONSTRUCTION	10**0 YEARS	TRANSFORMATION
ILFMD331.9	194601	- 197601	ECOM LIFE TOBACCO PROD INDST - BLDG CONSTRUCTION	10**0 YEARS	TRANSFORMATION
ILFMD331.9	194601	- 197601	ECOM LIFE RUBBER & PLASTIC PROD INDST - BLDG & ENG CONSTRUCTION	10**0 YEARS	TRANSFORMATION
ILFMD331.9	194601	- 197601	ECOM LIFE RUBBER & PLASTIC PROD INDST - BLDG CONSTRUCTION	10**0 YEARS	TRANSFORMATION

VARIABLE	FROM	TO	DESCRIPTION	UNITS	SOURCE
ILFMFND172.9	194601	197601	ECON LIFE LEATHER INDST - BLDG & ENG CONSTRUCTION	10000 YEARS	TRANSFORMATION
ILFMFND181.9	194601	197601	ECON LIFE TEXTILE INDST - BLDG & ENG CONSTRUCTION	10000 YEARS	TRANSFORMATION
ILFMFND231.49	194601	197601	ECON LIFE KNITTING & CLOTHING INDST - BLDG CONSTRUCTION	10000 YEARS	TRANSFORMATION
ILFMFND271.4	194601	197601	ECON LIFE PAPER & ALLIED INDST - BLDG CONSTRUCTION	10000 YEARS	TRANSFORMATION
ILFMFND286.9	194601	197601	ECON LIFE PRINT,PUB & ALLIED INDST - BLDG & ENG CONSTRUCTION	10000 YEARS	TRANSFORMATION
ILFMFND365.9	194601	197601	ECON LIFE PET & COAL PROD INDST - BLDG & ENG CONSTRUCTION	10000 YEARS	TRANSFORMATION
ILFMFND372.9	194601	197601	ECON LIFE CHEM & CHEM PROD INDST - BLDG & ENG CONSTRUCTION	10000 YEARS	TRANSFORMATION
ILFMFND391.9	194601	197601	ECON LIFE MISC MANUF INDST - BLDG & ENG CONSTRUCTION	10000 YEARS	TRANSFORMATION
ILFMFND401.9	194601	197601	ECON LIFE FOOD & BEVERAGES INDST - MACH & EQUIP & C/CDE	10000 YEARS	TRANSFORMATION
ILFMFND451.3	194601	197601	ECON LIFE TOBACCO PROD INDST - MACH & EQUIP & C/CDE	10000 YEARS	TRANSFORMATION
ILFMFND462.5	194601	197601	ECON LIFE RUBBER & PLASTIC PROD INDST - MACH & EQUIP & C/CDE	10000 YEARS	TRANSFORMATION
ILFMFND472.9	194601	197601	ECON LIFE LEATHER INDST - MACH & EQUIP & C/CDE	10000 YEARS	TRANSFORMATION
ILFMFND481.9	194601	197601	ECON LIFE TEXTILE INDST - MACH & EQUIP & C/CDE	10000 YEARS	TRANSFORMATION
ILFMFND491.49	194601	197601	ECON LIFE KNITTING & CLOTHING INDST - MACH & EQUIP & C/CDE	10000 YEARS	TRANSFORMATION
ILFMFND531.4	194601	197601	ECON LIFE PAPER & ALLIED INDST - MACH & EQUIP & C/CDE	10000 YEARS	TRANSFORMATION
ILFMFND586.9	194601	197601	ECON LIFE PRINT,PUB & ALLIED INDST - MACH & EQUIP & C/CDE	10000 YEARS	TRANSFORMATION
ILFMFND636.9	194601	197601	ECON LIFE PET & COAL PROD INDST - MACH & EQUIP & C/CDE	10000 YEARS	TRANSFORMATION
ILFMFND672.9	194601	197601	ECON LIFE CHEM & CHEM PROD INDST - MACH & EQUIP & C/CDE	10000 YEARS	TRANSFORMATION
ILFMFND691.9	194601	197601	ECON LIFE MISC MANUF INDST - MACH & EQUIP & C/CDE	10000 YEARS	TRANSFORMATION
ILFMFND761	194601	197601	ECON LIFE COAL MIN - BLDG & ENG CONSTRUCTION	10000 YEARS	TRANSFORMATION
ILFMFND861	194601	197601	ECON LIFE COAL MIN - MACH & EQUIP & C/CDE	10000 YEARS	TRANSFORMATION
ILFMFND951.9	194601	197601	ECON LIFE METAL MIN INDST - BLDG & ENG CONSTRUCTION	10000 YEARS	TRANSFORMATION
ILFMFND1051.9	194601	197601	ECON LIFE METAL MIN INDST - MACH & EQUIP	10000 YEARS	TRANSFORMATION
ILFMFND1187	194601	197601	ECON LIFE NON METAL MIN (EX COAL) - BLDG & ENG CONSTRUCTION	10000 YEARS	TRANSFORMATION
ILFMFND1271.87	194601	197601	ECON LIFE NON METAL MIN (EX COAL) - MACH & EQUIP & C/CDE	10000 YEARS	TRANSFORMATION
ILFMFND16496.9	194601	197601	ECON LIFE CRD PET MTL GASESERV INC TO MIN IND - BLDG&ENG CONST	10000 YEARS	TRANSFORMATION
ILFMFND16496.9	194601	197601	ECON LIFE CRD PET MTL GASESERV INC TO MIN IND - MACH & EQUIP	10000 YEARS	TRANSFORMATION
ILFSVNCM	194601	197601	ECON LIFE COMMER SVCS INDST - BLDG CONSTRUCTION	10000 YEARS	TRANSFORMATION
ILFSVNCM	194601	197601	ECON LIFE COMMER SVCS INDST - MACH & EQUIP	10000 YEARS	TRANSFORMATION
ILFSVAGDE806	194601	197601	ECON LIFE COLLEGE & UNIV INDST - BLDG CONSTRUCTION	10000 YEARS	TRANSFORMATION
ILFSVAGEDR806	194601	197601	ECON LIFE COLLEGE & UNIV INDST - MACH & EQUIP	10000 YEARS	TRANSFORMATION
ILFSVAVCC	194601	197601	ECON LIFE OTHER NONCOMMER SVCS INDST - BLDG CONSTRUCTION	10000 YEARS	TRANSFORMATION
ILFSVAVCC	194601	197601	ECON LIFE OTHER NONCOMMER SVCS INDST - MACH & EQUIP	10000 YEARS	TRANSFORMATION
ILFSVAVCM	194601	197601	ECON LIFE WHLSE & RETAIL TRADE INDST - BLDG CONSTRUCTION	10000 YEARS	TRANSFORMATION
ILFSVAVCM	194601	197601	ECON LIFE WHLSE & RETAIL TRADE INDST - MACH & EQUIP	10000 YEARS	TRANSFORMATION
ILFTRAD602.99	194601	197601	ECON LIFE WHLSE & RETAIL TRADE INDST - BLDG & ENG CONSTRUCTION	10000 YEARS	TRANSFORMATION
ILFTRAD602.99	194601	197601	ECON LIFE TRANSPORT INDST - BLDG & ENG CONSTRUCTION	10000 YEARS	TRANSFORMATION
ILFTRSP501.27	194601	197601	ECON LIFE TRANSPORT INDST - MACH & EQUIP & C/CDE	10000 YEARS	TRANSFORMATION
ILFTRSP501.27	194601	197601	ECON LIFE TRANSPORT INDST - MACH & EQUIP & C/CDE	10000 YEARS	TRANSFORMATION
ILFULILC572.9	194601	197601	ECON LIFE UTILITY INDST - BLDG CONSTRUCTION	10000 YEARS	TRANSFORMATION
ILFULILC572.9	194601	197601	ECON LIFE UTILITY INDST - MACH & EQUIP	10000 YEARS	TRANSFORMATION
IMESV.ID	195101	197601	SERVICES INDST - TOTAL (MACHINERY & EQUIPMENT), I/D	10000 YEARS	TRANSFORMATION
IMFC	194601	197601	INV MANUF TOTAL - BLDG & ENG CONSTRUCTION	10000 \$ 1971	TRANSFORMATION
IMFC4	194601	197601	INV MANUF TOTAL - BLDG & ENG CONSTRUCTION	10000 \$ 1971	TRANSFORMATION
IMFDC	194601	197601	INV MANUF DUR TOTAL - BLDG & ENG CONSTRUCTION	10000 \$ 1971	TRANSFORMATION
IMFDC	194601	197601	INV MANUF DUR TOTAL - BLDG & ENG CONSTRUCTION	10000 \$ 1971	TRANSFORMATION
IMFDC251.9	194601	197601	INV MODD INDST - BLDG & ENG CONSTRUCTION	10000 \$ 1971	TRANSFORMATION
IMFDC251.9	194601	197601	INV MODD INDST - BLDG & ENG CONSTRUCTION	10000 \$ 1971	TRANSFORMATION
IMFDC261.8	194601	197601	INV FUR & FXT INDST - BLDG CONSTRUCTION	10000 \$ 1971	TRANSFORMATION
IMFDC261.8	194601	197601	INV FUR & FXT INDST - BLDG CONSTRUCTION	10000 \$ 1971	TRANSFORMATION
IMFDC291.4	194701	197601	INV IRON & STEEL INDST - BLDG CONSTRUCTION	10000 \$ 1971	TRANSFORMATION

VARIABLE	FROM	TC	DESCRIPTION	UNITS	SOURCE
IMFD291.44\$	194701	- 197601	INV IRON & STEEL INDST - BLDG CONSTRUCTION	10**6 \$	TRANSFORMATION
IMFD291.48	194601	- 197601	INV PRIMARY METAL INDST - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
IMFD291.8	194601	- 197601	INV PRIMARY METAL INDST - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
IMFD291.8CHK	194701	- 197601	INV ACCOUNTING CHECK PRIMARY METAL - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
IMFD291.8CHK	194701	- 197601	INV ACCOUNTING CHECK PRIMARY METAL - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
IMFD295.8	194701	- 197601	INV NONFERROUS METALS - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
IMFD295.8	194701	- 197601	INV NONFERROUS METALS - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
IMFD301.9	194601	- 197601	INV METAL FAB INDST - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
IMFD301.9	194601	- 197601	INV METAL FAB INDST - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
IMFD311.8	194601	- 197601	INV MACH (EXCL ELEC MACH) INDST - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
IMFD311.8	194601	- 197601	INV MACH (EXCL ELEC MACH) INDST - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
IMFD321.9	194601	- 197601	INV TRANSPORT INDST - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
IMFD321.9	194601	- 197601	INV TRANSPORT INDST - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
IMFD321.9CHK	194701	- 197601	INV ACCOUNTING CHECK TRANSPORT EQUIP - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
IMFD321.9CHK	194701	- 197601	INV ACCOUNTING CHECK TRANSPORT EQUIP - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
IMFD321+326.9	194701	- 197601	INV NON AUTO TRANSPORT EQUIP - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
IMFD323.4	194701	- 197601	INV NON AUTO TRANSPORT EQUIP - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
IMFD323.4	194701	- 197601	INV NON AUTO TRANSPORT EQUIP - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
IMFD325	194701	- 197601	INV MOTOR VEHICLE (EX PARTS&ACC) - BLDG CONSTRUCTION	10**6 \$	TRANSFORMATION
IMFD325	194701	- 197601	INV MOTOR VEHICLE INDST (EX PARTS&ACC) - BLDG CONSTRUCTION	10**6 \$	TRANSFORMATION
IMFD331.9	194701	- 197601	INV MOTOR VEHICLE PARTS & ACC - BLDG CONSTRUCTION	10**6 \$	TRANSFORMATION
IMFD331.9	194601	- 197601	INV MOTOR VEHICLE PARTS & ACC - BLDG CONSTRUCTION	10**6 \$	TRANSFORMATION
IMFD331.9	194601	- 197601	INV ELECTRICAL PROD INDST - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
IMFD351.9	194601	- 197601	INV ELECTRICAL PROD INDST - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
IMFD351.9	194601	- 197601	INV NON METAL MIN PROD INDST - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
IMFD351.9	194601	- 197601	INV NON METAL MIN PROD INDST - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
IMFD351.9	194601	- 197601	INV MANUF DUR TOTAL - MACH & EQUIP	10**6 \$	TRANSFORMATION
IMFD351.9	194601	- 197601	INV MANUF DUR TOTAL - MACH & EQUIP	10**6 \$	TRANSFORMATION
IMFD351.9	194601	- 197601	INV WOOD INDST - MACH & EQUIP & CIOCE	10**6 \$	TRANSFORMATION
IMFD351.9	194601	- 197601	INV WOOD INDST - MACH & EQUIP & CIOCE	10**6 \$	TRANSFORMATION
IMFD361.8	194601	- 197601	INV FURN & FIXT INDST - MACH & EQUIP & CIOCE	10**6 \$	TRANSFORMATION
IMFD361.8	194601	- 197601	INV FURN & FIXT INDST - MACH & EQUIP & CIOCE	10**6 \$	TRANSFORMATION
IMFD361.8	194701	- 197601	INV IRON & STEEL INDST - MACH & EQUIP & CIOCE	10**6 \$	TRANSFORMATION
IMFD361.8	194701	- 197601	INV IRON & STEEL INDST - MACH & EQUIP & CIOCE	10**6 \$	TRANSFORMATION
IMFD361.8	194601	- 197601	INV PRIMARY METAL INDST - MACH & EQUIP & CIOCE	10**6 \$	TRANSFORMATION
IMFD361.8	194601	- 197601	INV PRIMARY METAL INDST - MACH & EQUIP & CIOCE	10**6 \$	TRANSFORMATION
IMFD361.8CHK	194701	- 197601	INV ACCOUNTING CHECK PRIMARY METAL - MACH & EQUIP & CIOCE	10**6 \$	TRANSFORMATION
IMFD361.8CHK	194701	- 197601	INV ACCOUNTING CHECK PRIMARY METAL - MACH & EQUIP & CIOCE	10**6 \$	TRANSFORMATION
IMFD361.8	194701	- 197601	INV NONFERROUS METALS - MACH & EQUIP & CIOCE	10**6 \$	TRANSFORMATION
IMFD361.8	194701	- 197601	INV NONFERROUS METALS - MACH & EQUIP & CIOCE	10**6 \$	TRANSFORMATION
IMFD301.9	194601	- 197601	INV METAL FAB INDST - MACH & EQUIP & CIOCE	10**6 \$	TRANSFORMATION
IMFD301.9	194601	- 197601	INV METAL FAB INDST - MACH & EQUIP & CIOCE	10**6 \$	TRANSFORMATION
IMFD311.8	194601	- 197601	INV MACH (EXCL ELEC MACH) INDST - MACH & EQUIP & CIOCE	10**6 \$	TRANSFORMATION
IMFD311.8	194601	- 197601	INV MACH (EXCL ELEC MACH) INDST - MACH & EQUIP & CIOCE	10**6 \$	TRANSFORMATION
IMFD321.9	194601	- 197601	INV TRANSPORT EQUIP INDST - MACH & EQUIP & CIOCE	10**6 \$	TRANSFORMATION
IMFD321.9	194601	- 197601	INV TRANSPORT EQUIP INDST - MACH & EQUIP & CIOCE	10**6 \$	TRANSFORMATION
IMFD321.9CHK	194701	- 197601	INV ACCOUNTING CHECK TRANSPORT EQUIP - MACH & EQUIP & CIOCE	10**6 \$	TRANSFORMATION
IMFD321.9CHK	194701	- 197601	INV ACCOUNTING CHECK TRANSPORT EQUIP - MACH & EQUIP & CIOCE	10**6 \$	TRANSFORMATION
IMFD321+326.9	194701	- 197601	INV NON AUTO TRANSPORT EQUIP - MACH & EQUIP & CIOCE	10**6 \$	TRANSFORMATION
IMFD321+326.9	194701	- 197601	INV NON AUTO TRANSPORT EQUIP - MACH & EQUIP & CIOCE	10**6 \$	TRANSFORMATION

VARIABLE	FROM	TO	DESCRIPTION	UNITS	SOURCE
IMFNDM271.4\$	194601	197601	INV PAPER & ALLIED INDST - MACH & EQUIP & C/CDE	10**6 \$	TRANSFORMATION
IMFNDM286.9	194601	197601	INV PRINT, PUB & ALLIED INDST - MACH & EQUIP & C/CDE	10**6 \$	TRANSFORMATION
IMFNDM286.9\$	194601	197601	INV PRINT, PUB & ALLIED INDST - MACH & EQUIP & C/CDE	10**6 \$	TRANSFORMATION
IMFNDM365.9	194601	197601	INV PET & COAL PROD INDST - MACH & EQUIP & C/CDE	10**6 \$	TRANSFORMATION
IMFNDM365.9\$	194601	197601	INV PET & COAL PROD INDST - MACH & EQUIP & C/CDE	10**6 \$	TRANSFORMATION
IMFNDM372.9	194601	197601	INV CHEM & CHEM PROD INDST - MACH & EQUIP & C/CDE	10**6 \$	TRANSFORMATION
IMFNDM372.9\$	194601	197601	INV CHEM & CHEM PROD INDST - MACH & EQUIP & C/CDE	10**6 \$	TRANSFORMATION
IMFNDM391.9	194601	197601	INV HISC MANUF INDST - MACH & EQUIP & C/CDE	10**6 \$	TRANSFORMATION
IMFNDM391.9\$	194601	197601	INV HISC MANUF INDST - MACH & EQUIP & C/CDE	10**6 \$	TRANSFORMATION
IMIC	194601	197601	INV MINING TOTAL - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
IMIC\$	194601	197601	INV MINING TOTAL - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
IMIC\$K	194701	197601	INV ACCOUNTING CHECK MIN - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
IMIC\$K\$	194701	197601	INV ACCOUNTING CHECK MIN - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
IMICLC61	194701	197601	INV COAL MIN - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
IMICLC61\$	194701	197601	INV COAL MIN - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
IMICLM61	194701	197601	INV COAL MIN - MACH & EQUIP & C/CDE	10**6 \$	TRANSFORMATION
IMICL461\$	194701	197601	INV COAL MIN - MACH & EQUIP & C/CDE	10**6 \$	TRANSFORMATION
IMIN	194701	197601	INV MINING TOTAL - MACH & EQUIP	10**6 \$	TRANSFORMATION
IMIN\$	194701	197601	INV MINING TOTAL - MACH & EQUIP	10**6 \$	TRANSFORMATION
IMIN\$K	194701	197601	INV ACCOUNTING CHECK MIN - MACH & EQUIP & C/CDE	10**6 \$	TRANSFORMATION
IMIN\$K\$	194701	197601	INV ACCOUNTING CHECK MIN - MACH & EQUIP & C/CDE	10**6 \$	TRANSFORMATION
IMINHC51.9	194701	197601	INV METAL MINING INDST - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
IMINHC51.9\$	194701	197601	INV METAL MINING INDST - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
IMINHM51.9	194701	197601	INV METAL MINING INDST - MACH & EQUIP	10**6 \$	TRANSFORMATION
IMINHM51.9\$	194701	197601	INV METAL MINING INDST - MACH & EQUIP	10**6 \$	TRANSFORMATION
IMINHC71.87	194701	197601	INV NON METAL MIN (EX COAL) - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
IMINHC71.87\$	194701	197601	INV NON METAL MIN (EX COAL) - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
IMINHM71.87	194701	197601	INV NON METAL MIN (EX COAL) - MACH & EQUIP & C/CDE	10**6 \$	TRANSFORMATION
IMINHM71.87\$	194701	197601	INV NON METAL MIN (EX COAL) - MACH & EQUIP & C/CDE	10**6 \$	TRANSFORMATION
IMIPC64+96.9	194701	197601	INV CRD PET NATL GASESERV INC TO MIN IND - BLDG & ENG CONST	10**6 \$	TRANSFORMATION
IMIPC64+96.9\$	194701	197601	INV CRD PET NATL GASESERV INC TO MIN IND - BLDG & ENG CONST	10**6 \$	TRANSFORMATION
IMIPC64+96.9\$	194701	197601	INV CRD PET NATL GASESERV INC TO MIN IND - MACH & EQUIP	10**6 \$	TRANSFORMATION
IMIPH64+96.9\$	194701	197601	INV CRD PET NATL GASESERV INC TO MIN IND - MACH & EQUIP	10**6 \$	STATCAN MAT ACC
INV-VANAG\$	194701	197601	INVENTORY - VALUATION ADJUSTMENT - NON AGRICULTURE	10**6 \$	TRANSFORMATION
INV	194701	197601	INVENTORY - TOTAL ECONOMY	10**6 \$	TRANSFORMATION
INV\$	194701	197601	INVENTORY - TOTAL ECONOMY	10**6 \$	TRANSFORMATION
INVAG	194701	197601	INVENTORY - AGRICULTURE	10**6 \$	STATCAN MAT ACC
INVAG\$	194701	197601	INVENTORY - AGRICULTURE	10**6 \$	STATCAN MAT ACC
INVF\$	194701	197601	INVENTORY - FORESTRY	10**6 \$	STATCAN MAT ACC
INVF\$Y	194701	197601	INVENTORY - FORESTRY	10**6 \$	STATCAN MAT ACC
INVG\$	194701	197601	INVENTORY - GOVERNMENT	10**6 \$	STATCAN MAT ACC
INVG\$Y	194701	197601	INVENTORY - GOVERNMENT	10**6 \$	STATCAN MAT ACC
INSHF	194701	197601	INVENTORY - MANUFACTURING TOTAL	10**6 \$	TRANSFORMATION
INSHFADJ	194701	197601	INVENTORY - ACCOUNTING ADJUSTMENT MANUFACTURING TOTAL	10**6 \$	TRANSFORMATION
INSHFR	194701	197601	INVENTORY - MANUFACTURING DURABLES	10**6 \$	STATCAN MAT ACC
INSHFRD	194701	197601	INVENTORY - MANUFACTURING DURABLES	10**6 \$	STATCAN MAT ACC
INSHFND	194701	197601	INVENTORY - MINING	10**6 \$	STATCAN MAT ACC
INSHFND\$	194701	197601	INVENTORY - MINING	10**6 \$	STATCAN MAT ACC
INSHFND\$	194701	197601	INVENTORY - NON AGRICULTURE	10**6 \$	STATCAN MAT ACC
INSHFND\$	194701	197601	INVENTORY - ACCOUNTING ADJUSTMENT NON AGRICULTURE	10**6 \$	TRANSFORMATION

VARIABLE	FROM	TO	DESCRIPTION	UNITS	SOURCE
INVOHT	194701	197601	INVENTORY - OTHER INDUSTRIES	10**6 \$	STATCAN MAT ACC
INVRM	194701	197601	INVENTORY - RAW MATERIALS TOTAL	10**6 \$	STATCAN MAT ACC
INTRAD	194701	197601	INVENTORY - RETAIL AND WHOLESALE TRADE	10**6 \$	STATCAN MAT ACC
IREC.ID	195101	197601	CONSTRUCTION INVT - TOTAL (RESENDRES), REAL ESTATE COMM, I/D	10**6 \$	TRANSFORMATION
IREC.NR	194701	197601	INV REAL ESTATE COMMISSION NERRES CONST - NATIONAL ACCOUNTS	10**6 \$	TRANSFORMATION
IREC.NR\$	194701	197601	INV REAL ESTATE COMMISSION NERRES CONST - NATIONAL ACCOUNTS	10**6 \$	STATCAN MAT ACC
IRLAGFTC	194601	197601	DEPR RULE AGRIC FISH & TRAP INDST - BLDG & ENG CONSTRUCTION	10**0	REVCANTX REG DIV
IRLAGFTM	194601	197601	DEPR RULE AGRIC FISH & TRAP INDST - MACH & EQUIP	10**0	REVCANTX REG DIV
IRLCNSTC	194601	197601	DEPR RULE CONSTRUCTION INDST - BLDG & ENG CONSTRUCTION	10**0	REVCANTX REG DIV
IRLCNSTM	194601	197601	DEPR RULE CONSTRUCTION INDST - MACH & EQUIP	10**0	REVCANTX REG DIV
IRLCNMC54.8	194601	197601	DEPR RULE COMMUNICATION INDST - BLDG & ENG CONSTRUCTION	10**0	REVCANTX REG DIV
IRLCNMC54.8	194601	197601	DEPR RULE COMMUNICATION INDST - MACH & EQUIP	10**0	REVCANTX REG DIV
IRLFRM30.1.37	194601	197601	DEPR RULE FIN IMS & REAL ESTATE INDST - BLDG CONSTRUCTION	10**0	REVCANTX REG DIV
IRLFRM70.1.37	194601	197601	DEPR RULE FIN IMS & REAL ESTATE INDST - MACH & EQUIP	10**0	REVCANTX REG DIV
IRLFTSYC31.9	194601	197601	DEPR RULE FORESTRY INDST - BLDG & ENG CONSTRUCTION	10**0	REVCANTX REG DIV
IRLFTSYM31.9	194601	197601	DEPR RULE FORESTRY INDST - MACH & EQUIP	10**0	REVCANTX REG DIV
IRLRFDC251.9	194601	197601	DEPR RULE WOOD INDST - BLDG & ENG CONSTRUCTION	10**0	REVCANTX REG DIV
IRLRFDC251.9	194601	197601	DEPR RULE FURN & FIXT INDST - BLDG CONSTRUCTION	10**0	REVCANTX REG DIV
IRLRFDC261.8	194601	197601	DEPR RULE IRON & STEEL INDST - BLDG CONSTRUCTION	10**0	REVCANTX REG DIV
IRLRFDC291.4	194601	197601	DEPR RULE IRON & STEEL INDST - BLDG & ENG CONSTRUCTION	10**0	REVCANTX REG DIV
IRLRFDC295.8	194601	197601	DEPR RULE NONFERROUS METALS - BLDG & ENG CONSTRUCTION	10**0	REVCANTX REG DIV
IRLRFDC301.9	194601	197601	DEPR RULE METAL FAB INDST - BLDG & ENG CONSTRUCTION	10**0	REVCANTX REG DIV
IRLRFDC311.8	194601	197601	DEPR RULE MACH (EX ELEC MACH) INDST - BLDG & ENG CONSTRUCTION	10**0	REVCANTX REG DIV
IRLRFDC321+26.9	194601	197601	DEPR RULE NON AUTO TRANSPORT EQUIP - BLDG & ENG CONSTRUCTION	10**0	REVCANTX REG DIV
IRLRFDC323.4	194601	197601	DEPR RULE MOTOR VEHICLE (EX PARTSEACC) - BLDG & ENG CONSTRUCTION	10**0	REVCANTX REG DIV
IRLRFDC325	194601	197601	DEPR RULE MOTOR VEHICLE PARTS & ACC - BLDG & ENG CONSTRUCTION	10**0	REVCANTX REG DIV
IRLRFDC331.9	194601	197601	DEPR RULE ELECTRICAL PROD INDST - BLDG & ENG CONSTRUCTION	10**0	REVCANTX REG DIV
IRLRFDC351.9	194601	197601	DEPR RULE NON METAL MIN PROD INDST - BLDG & ENG CONSTRUCTION	10**0	REVCANTX REG DIV
IRLRFDC251.9	194601	197601	DEPR RULE WOOD INDST - MACH & EQUIP	10**0	REVCANTX REG DIV
IRLRFDC261.8	194601	197601	DEPR RULE FURN & FIXT INDST - MACH & EQUIP	10**0	REVCANTX REG DIV
IRLRFDC291.4	194601	197601	DEPR RULE IRON & STEEL INDST - MACH & EQUIP	10**0	REVCANTX REG DIV
IRLRFDC295.8	194601	197601	DEPR RULE NONFERROUS METALS - MACH & EQUIP	10**0	REVCANTX REG DIV
IRLRFDC301.9	194601	197601	DEPR RULE METAL FAB INDST - MACH & EQUIP	10**0	REVCANTX REG DIV
IRLRFDC311.8	194601	197601	DEPR RULE MACH (EX ELEC MACH) INDST - MACH & EQUIP & CICIOE	10**0	REVCANTX REG DIV
IRLRFDC321+26.9	194601	197601	DEPR RULE NON AUTO TRANSPORT EQUIP - MACH & EQUIP & CICIOE	10**0	REVCANTX REG DIV
IRLRFDC323.4	194601	197601	DEPR RULE MOTOR VEHICLE (EX PARTSEACC) - MACH & EQUIP & CICIOE	10**0	REVCANTX REG DIV
IRLRFDC325	194601	197601	DEPR RULE MOTOR VEHICLE PARTS & ACC - MACH & EQUIP & CICIOE	10**0	REVCANTX REG DIV
IRLRFDC331.9	194601	197601	DEPR RULE ELECTRICAL PROD INDST - MACH & EQUIP & CICIOE	10**0	REVCANTX REG DIV
IRLRFDC351.9	194601	197601	DEPR RULE NON METAL MIN PROD INDST - MACH & EQUIP & CICIOE	10**0	REVCANTX REG DIV
IRLRFDC362.5	194601	197601	DEPR RULE FOOD & BEVERAGES INDST - BLDG & ENG CONSTRUCTION	10**0	REVCANTX REG DIV
IRLRFDC372.9	194601	197601	DEPR RULE TOBACCO PROD INDST - BLDG & ENG CONSTRUCTION	10**0	REVCANTX REG DIV
IRLRFDC381.9	194601	197601	DEPR RULE RUBBER & PLASTIC PROD INDST - BLDG & ENG CONSTRUCTION	10**0	REVCANTX REG DIV
IRLRFDC391.9	194601	197601	DEPR RULE LEATHER INDST - BLDG & ENG CONSTRUCTION	10**0	REVCANTX REG DIV
IRLRFDC401.9	194601	197601	DEPR RULE TEXTILE INDST - BLDG & ENG CONSTRUCTION	10**0	REVCANTX REG DIV
IRLRFDC411.9	194601	197601	DEPR RULE KNITTING & CLOTHING INDST - BLDG CONSTRUCTION	10**0	REVCANTX REG DIV
IRLRFDC421.49	194601	197601	DEPR RULE PAPER & ALLIED INDST - BLDG CONSTRUCTION	10**0	REVCANTX REG DIV
IRLRFDC431.3	194601	197601	DEPR RULE PRINT,PUB & ALLIED INDST - BLDG & ENG CONSTRUCTION	10**0	REVCANTX REG DIV
IRLRFDC441.9	194601	197601	DEPR RULE PET & COAL PROD INDST - BLDG & ENG CONSTRUCTION	10**0	REVCANTX REG DIV
IRLRFDC451.9	194601	197601	DEPR RULE CHEM & CHEM PROD INDST - BLDG & ENG CONSTRUCTION	10**0	REVCANTX REG DIV
IRLRFDC461.9	194601	197601	DEPR RULE MISC MANUF INDST - BLDG & ENG CONSTRUCTION	10**0	REVCANTX REG DIV

VARIABLE	FROM	TO	DESCRIPTION	UNITS	SOURCE
ITCCDMHC563.8	194601	197601	TAX CREDIT COMMUNICATION INDST - MACH & EQUIP	RATE PER 10000	FINANCE TAX DIV
ITCCMHM563.8	194601	197601	TAX CREDIT COMMUNICATION INDST - MACH & EQUIP	RATE PER 10000	FINANCE TAX DIV
ITCFIREH701.37	194601	197601	TAX CREDIT FIN INS & REAL ESTATE INDST - BLDG CONSTRUCTION	RATE PER 10000	FINANCE TAX DIV
ITCFIREH701.37	194601	197601	TAX CREDIT FIN INS & REAL ESTATE INDST - MACH & EQUIP	RATE PER 10000	FINANCE TAX DIV
ITCFSTYC31.9	194601	197601	TAX CREDIT FORESTRY INDST - BLDG & ENG CONSTRUCTION	RATE PER 10000	FINANCE TAX DIV
ITCFSTYM31.9	194601	197601	TAX CREDIT FORESTRY INDST - MACH & EQUIP	RATE PER 10000	FINANCE TAX DIV
ITCFHDC251.9	194601	197601	TAX CREDIT WOOD INDST - BLDG & ENG CONSTRUCTION	RATE PER 10000	FINANCE TAX DIV
ITCFHDC261.8	194601	197601	TAX CREDIT FURN & FXT INDST - BLDG CONSTRUCTION	RATE PER 10000	FINANCE TAX DIV
ITCFHDC291.4	194601	197601	TAX CREDIT IRON & STEEL INDST - BLDG CONSTRUCTION	RATE PER 10000	FINANCE TAX DIV
ITCFHDC295.8	194601	197601	TAX CREDIT NONFERROUS METALS - BLDG & ENG CONSTRUCTION	RATE PER 10000	FINANCE TAX DIV
ITCFHDC301.9	194601	197601	TAX CREDIT METAL FAB INDST - BLDG & ENG CONSTRUCTION	RATE PER 10000	FINANCE TAX DIV
ITCFHDC311.8	194601	197601	TAX CREDIT MACH (EX ELEC MACH) INDST - BLDG & ENG CONSTRUCTION	RATE PER 10000	FINANCE TAX DIV
ITCFHDC321.426.9	194601	197601	TAX CREDIT NON AUTO TRANSPORT EQUIP - BLDG & ENG CONSTRUCTION	RATE PER 10000	FINANCE TAX DIV
ITCFHDC323.4	194601	197601	TAX CREDIT MOTOR VEHICLE (EX PARTS & ACC) - BLDG & ENG CONST	RATE PER 10000	FINANCE TAX DIV
ITCFHDC325	194601	197601	TAX CREDIT MOTOR VEHICLE PARTS & ACC - BLDG & ENG CONST	RATE PER 10000	FINANCE TAX DIV
ITCFHDC331.9	194601	197601	TAX CREDIT ELECTRICAL PROD INDST - BLDG & ENG CONSTRUCTION	RATE PER 10000	FINANCE TAX DIV
ITCFHDC351.9	194601	197601	TAX CREDIT NON METAL MIN PROD INDST - BLDG & ENG CONSTRUCTION	RATE PER 10000	FINANCE TAX DIV
ITCFHDCM251.9	194601	197601	TAX CREDIT WOOD INDST - MACH & EQUIP & CICIOE	RATE PER 10000	FINANCE TAX DIV
ITCFHDCM261.8	194601	197601	TAX CREDIT FURN & FXT INDST - MACH & EQUIP & CICIOE	RATE PER 10000	FINANCE TAX DIV
ITCFHDCM291.4	194601	197601	TAX CREDIT IRON & STEEL INDST - MACH & EQUIP	RATE PER 10000	FINANCE TAX DIV
ITCFHDCM295.8	194601	197601	TAX CREDIT NONFERROUS METALS - MACH & EQUIP	RATE PER 10000	FINANCE TAX DIV
ITCFHDCM301.9	194601	197601	TAX CREDIT METAL FAB INDST - MACH & EQUIP & CICIOE	RATE PER 10000	FINANCE TAX DIV
ITCFHDCM311.8	194601	197601	TAX CREDIT MACH (EX ELEC MACH) INDST - MACH & EQUIP & CICIOE	RATE PER 10000	FINANCE TAX DIV
ITCFHDCM321.426.9	194601	197601	TAX CREDIT NON AUTO TRANSPORT EQUIP - MACH & EQUIP & CICIOE	RATE PER 10000	FINANCE TAX DIV
ITCFHDCM323.4	194601	197601	TAX CREDIT MOTOR VEHICLE (EX PARTS & ACC) - MACH & EQUIP & CICIOE	RATE PER 10000	FINANCE TAX DIV
ITCFHDCM325	194601	197601	TAX CREDIT MOTOR VEHICLE PARTS & ACC - MACH & EQUIP & CICIOE	RATE PER 10000	FINANCE TAX DIV
ITCFHDCM331.9	194601	197601	TAX CREDIT ELECTRICAL PROD INDST - MACH & EQUIP & CICIOE	RATE PER 10000	FINANCE TAX DIV
ITCFHDCM351.9	194601	197601	TAX CREDIT NON METAL MIN PROD INDST - MACH & EQUIP & CICIOE	RATE PER 10000	FINANCE TAX DIV
ITCFHDCM401.9	194601	197601	TAX CREDIT FOOD & BEVERAGES INDST - BLDG & ENG CONSTRUCTION	RATE PER 10000	FINANCE TAX DIV
ITCFHDCM451.3	194601	197601	TAX CREDIT TOBACCO PROD INDST - BLDG & ENG CONSTRUCTION	RATE PER 10000	FINANCE TAX DIV
ITCFHDCM462.9	194601	197601	TAX CREDIT RUBBER & PLASTIC PROD INDST - BLDG & ENG CONSTRUCTION	RATE PER 10000	FINANCE TAX DIV
ITCFHDCM472.9	194601	197601	TAX CREDIT LEATHER INDST - BLDG & ENG CONSTRUCTION	RATE PER 10000	FINANCE TAX DIV
ITCFHDCM481.9	194601	197601	TAX CREDIT TEXTILE INDST - BLDG & ENG CONSTRUCTION	RATE PER 10000	FINANCE TAX DIV
ITCFHDCM491.9	194601	197601	TAX CREDIT KNITTING & CLOTHING INDST - BLDG CONSTRUCTION	RATE PER 10000	FINANCE TAX DIV
ITCFHDCM501.9	194601	197601	TAX CREDIT PAPER & ALLIED INDST - BLDG CONSTRUCTION	RATE PER 10000	FINANCE TAX DIV
ITCFHDCM51.3	194601	197601	TAX CREDIT PRINT,PUB & ALLIED INDST - BLDG & ENG CONSTRUCTION	RATE PER 10000	FINANCE TAX DIV
ITCFHDCM52.9	194601	197601	TAX CREDIT PET & COAL PROD INDST - BLDG & ENG CONSTRUCTION	RATE PER 10000	FINANCE TAX DIV
ITCFHDCM53.9	194601	197601	TAX CREDIT CHEM & CHEM PROD INDST - BLDG & ENG CONSTRUCTION	RATE PER 10000	FINANCE TAX DIV
ITCFHDCM54.9	194601	197601	TAX CREDIT MISC MANUF INDST - BLDG & ENG CONSTRUCTION	RATE PER 10000	FINANCE TAX DIV
ITCFHDCM55.9	194601	197601	TAX CREDIT FOOD & BEVERAGES INDST - MACH & EQUIP & CICIOE	RATE PER 10000	FINANCE TAX DIV
ITCFHDCM56.9	194601	197601	TAX CREDIT TOBACCO PROD INDST - MACH & EQUIP & CICIOE	RATE PER 10000	FINANCE TAX DIV
ITCFHDCM57.9	194601	197601	TAX CREDIT RUBBER & PLASTIC PROD INDST - MACH & EQUIP & CICIOE	RATE PER 10000	FINANCE TAX DIV
ITCFHDCM58.9	194601	197601	TAX CREDIT LEATHER INDST - MACH & EQUIP & CICIOE	RATE PER 10000	FINANCE TAX DIV
ITCFHDCM59.9	194601	197601	TAX CREDIT TEXTILE INDST - MACH & EQUIP & CICIOE	RATE PER 10000	FINANCE TAX DIV
ITCFHDCM60.9	194601	197601	TAX CREDIT KNITTING & CLOTHING INDST - MACH & EQUIP & CICIOE	RATE PER 10000	FINANCE TAX DIV
ITCFHDCM61.9	194601	197601	TAX CREDIT PAPER & ALLIED INDST - MACH & EQUIP & CICIOE	RATE PER 10000	FINANCE TAX DIV
ITCFHDCM62.9	194601	197601	TAX CREDIT PRINT,PUB & ALLIED INDST - MACH & EQUIP & CICIOE	RATE PER 10000	FINANCE TAX DIV
ITCFHDCM63.9	194601	197601	TAX CREDIT PET & COAL PROD INDST - MACH & EQUIP & CICIOE	RATE PER 10000	FINANCE TAX DIV
ITCFHDCM64.9	194601	197601	TAX CREDIT CHEM & CHEM PROD INDST - MACH & EQUIP & CICIOE	RATE PER 10000	FINANCE TAX DIV

VARIABLE	FROM	TO	DESCRIPTION	UNITS	SOURCE
ITDMDH323.4	194601	197601	TAX DEPR MOTOR VEHICLE (EX PART3EACC) - MACH & EQUIP	RATE PER 10000	REVCANTX REG DIV
ITDMDH325	194601	197601	TAX DEPR MOTOR VEHICLE PARTS & ACC - MACH & EQUIP & CICIOE	RATE PER 10000	REVCANTX REG DIV
ITDMDH331.9	194601	197601	TAX DEPR ELECTRICAL PROD INST - MACH & EQUIP & CICIOE	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.9	194601	197601	TAX DEPR NON METAL MIN PROD INST - MACH & EQUIP & CICIOE	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.9	194601	197601	TAX DEPR FOOD & BEVERAGES INST - BLDG & ENG CONSTRUCTION	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.9	194601	197601	TAX DEPR TOBACCO PROD INST - BLDG & ENG CONSTRUCTION	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.3	194601	197601	TAX DEPR RUBBER & PLASTIC PROD INST - BLDG & ENG CONSTRUCTION	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.3	194601	197601	TAX DEPR LEATHER INST - BLDG & ENG CONSTRUCTION	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.9	194601	197601	TAX DEPR TEXTILE INST - BLDG & ENG CONSTRUCTION	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.9	194601	197601	TAX DEPR KNITTING & CLOTHING INST - BLDG CONSTRUCTION	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.4	194601	197601	TAX DEPR PAPER & ALLIED INST - BLDG CONSTRUCTION	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.4	194601	197601	TAX DEPR PRINT & PUB & ALLIED INST - BLDG & ENG CONSTRUCTION	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.9	194601	197601	TAX DEPR PET & COAL PROD INST - BLDG & ENG CONSTRUCTION	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.9	194601	197601	TAX DEPR CHEM & CHEM PROD INST - BLDG & ENG CONSTRUCTION	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.9	194601	197601	TAX DEPR MISC MANUF INST - BLDG & ENG CONSTRUCTION	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.9	194601	197601	TAX DEPR FOOD & BEVERAGES INST - MACH & EQUIP & CICIOE	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.3	194601	197601	TAX DEPR TOBACCO PROD INST - MACH & EQUIP & CICIOE	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.5	194601	197601	TAX DEPR RUBBER & PLASTIC PROD INST - MACH & EQUIP & CICIOE	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.9	194601	197601	TAX DEPR LEATHER INST - MACH & EQUIP & CICIOE	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.9	194601	197601	TAX DEPR TEXTILE INST - MACH & EQUIP & CICIOE	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.9	194601	197601	TAX DEPR KNITTING & CLOTHING INST - MACH & EQUIP & CICIOE	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.4	194601	197601	TAX DEPR PAPER & ALLIED INST - MACH & EQUIP & CICIOE	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.4	194601	197601	TAX DEPR PRINT & PUB & ALLIED INST - MACH & EQUIP & CICIOE	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.9	194601	197601	TAX DEPR PET & COAL PROD INST - MACH & EQUIP & CICIOE	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.9	194601	197601	TAX DEPR CHEM & CHEM PROD INST - MACH & EQUIP & CICIOE	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.9	194601	197601	TAX DEPR MISC MANUF INST - MACH & EQUIP & CICIOE	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.9	194601	197601	TAX DEPR COAL MIN - BLDG & ENG CONSTRUCTION	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.9	194601	197601	TAX DEPR COAL MIN - MACH & EQUIP & CICIOE	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.9	194601	197601	TAX DEPR NON METAL MIN PROD INST - BLDG & ENG CONSTRUCTION	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.9	194601	197601	TAX DEPR METAL MIN INST - MACH & EQUIP & CICIOE	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.9	194601	197601	TAX DEPR NON METAL MIN (EX COAL) - BLDG & ENG CONSTRUCTION	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.9	194601	197601	TAX DEPR NON METAL MIN (EX COAL) - MACH & EQUIP & CICIOE	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.9	194601	197601	TAX DEPR CRD PET NATL GASESERV INC TO MIN IND - B & E CONST	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.9	194601	197601	TAX DEPR CRD PET NATL GASESERV INC TO MIN IND - MACH & EQUIP	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.9	194601	197601	TAX DEPR COMMER SVCS INST - BLDG CONSTRUCTION	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.9	194601	197601	TAX DEPR COMMER SVCS INST - MACH & EQUIP	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.9	194601	197601	TAX DEPR COLLEGE & UNIV INST - BLDG CONSTRUCTION	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.9	194601	197601	TAX DEPR COLLEGE & UNIV INST - MACH & EQUIP	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.9	194601	197601	TAX DEPR OTHER NONCOMMER SVCS INST - BLDG CONSTRUCTION	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.9	194601	197601	TAX DEPR OTHER NONCOMMER SVCS INST - MACH & EQUIP	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.9	194601	197601	TAX DEPR WHLSE & RETAIL TRADE INST - BLDG CONSTRUCTION	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.9	194601	197601	TAX DEPR WHLSE & RETAIL TRADE INST - MACH & EQUIP & CICIOE	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.9	194601	197601	TAX DEPR TRANSPORT INST - BLDG & ENG CONSTRUCTION	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.9	194601	197601	TAX DEPR TRANSPORT INST - MACH & EQUIP & CICIOE	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.9	194601	197601	TAX DEPR UTILITY INST - BLDG CONSTRUCTION	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.9	194601	197601	TAX DEPR UTILITY INST - MACH & EQUIP	RATE PER 10000	REVCANTX REG DIV
ITDMDH351.9	194601	197601	INV WHLSE & RETAIL TRADE INST - BLDG CONSTRUCTION	10000 \$	TRANSFORMATION
ITDMDH351.9	194601	197601	INV WHLSE & RETAIL TRADE INST - BLDG CONSTRUCTION	10000 \$	TRANSFORMATION
ITDMDH351.9	194601	197601	INV WHLSE & RETAIL TRADE INST - MACH & EQUIP & CICIOE	10000 \$	TRANSFORMATION
ITDMDH351.9	194601	197601	INV WHLSE & RETAIL TRADE INST - MACH & EQUIP & CICIOE	10000 \$	TRANSFORMATION

VARIABLE	FROM	TO	DESCRIPTION	UNITS	SOURCE
194601	194601	194601	INV WHLSE & RETAIL TRADE INDST - MACH & EQUIP & CICIOE	10**6 \$	TRANSFORMATION
194602	194601	194601	INV TRANSPORT INDST - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
194603	194601	194601	INV TRANSPORT INDST - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
194604	194601	194601	INV TRANSPORT INDST - MACH & EQUIP & CICIOE	10**6 \$	TRANSFORMATION
194605	194601	194601	INV TRANSPORT INDST - MACH & EQUIP & CICIOE	10**6 \$	TRANSFORMATION
194606	194601	194601	USER COST AGRIC FISH & TRAP INDST - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
194607	194601	194601	USER COST AGRIC FISH & TRAP INDST - MACH & EQUIP	10**6 \$	TRANSFORMATION
194608	194601	194601	USER COST AGRIC FISH & TRAP INDST - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
194609	194601	194601	USER COST AGRIC FISH & TRAP INDST - MACH & EQUIP	10**6 \$	TRANSFORMATION
194610	194601	194601	USER COST CONSTRUCTION INDST - MACH & EQUIP	10**6 \$	TRANSFORMATION
194611	194601	194601	USER COST CONSTRUCTION INDST - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
194612	194601	194601	USER COST COMMUNICATION INDST - MACH & EQUIP	10**6 \$	TRANSFORMATION
194613	194601	194601	USER COST COMMUNICATION INDST - BLDG CONSTRUCTION	10**6 \$	TRANSFORMATION
194614	194601	194601	USER COST FIN INS & REAL ESTATE INDST - MACH & EQUIP	10**6 \$	TRANSFORMATION
194615	194601	194601	USER COST FIN INS & REAL ESTATE INDST - BLDG CONSTRUCTION	10**6 \$	TRANSFORMATION
194616	194601	194601	USER COST FORESTRY INDST - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
194617	194601	194601	USER COST FORESTRY INDST - MACH & EQUIP	10**6 \$	TRANSFORMATION
194618	194601	194601	USER COST WOOD INDST - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
194619	194601	194601	USER COST FURN & FIXT INDST - BLDG CONSTRUCTION	10**6 \$	TRANSFORMATION
194620	194601	194601	USER COST FURN & FIXT INDST - BLDG CONSTRUCTION	10**6 \$	TRANSFORMATION
194621	194601	194601	USER COST NONFERROUS METALS - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
194622	194601	194601	USER COST METAL FAB INDST - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
194623	194601	194601	USER COST MACH (EX ELEC MACH) INDST - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
194624	194601	194601	USER COST MACH (EX ELEC MACH) INDST - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
194625	194601	194601	USER COST NON AUTO TRANSPORT EQUIP - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
194626	194601	194601	USER COST MOTOR VEHICLE (EX PARTS & ACC) - BLDG CONSTRUCTION	10**6 \$	TRANSFORMATION
194627	194601	194601	USER COST MOTOR VEHICLE (EX PARTS & ACC) - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
194628	194601	194601	USER COST MOTOR VEHICLE PARTS & ACC - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
194629	194601	194601	USER COST ELECTRICAL PROD INDST - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
194630	194601	194601	USER COST NON METAL MIN PROD INDST - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
194631	194601	194601	USER COST WOOD INDST - MACH & EQUIP & CICIOE	10**6 \$	TRANSFORMATION
194632	194601	194601	USER COST FURN & FIXT INDST - MACH & EQUIP & CICIOE	10**6 \$	TRANSFORMATION
194633	194601	194601	USER COST IRON & STEEL INDST - MACH & EQUIP	10**6 \$	TRANSFORMATION
194634	194601	194601	USER COST NONFERROUS METALS - MACH & EQUIP	10**6 \$	TRANSFORMATION
194635	194601	194601	USER COST METAL FAB INDST - MACH & EQUIP & CICIOE	10**6 \$	TRANSFORMATION
194636	194601	194601	USER COST MACH (EX ELEC MACH) INDST - MACH & EQUIP & CICIOE	10**6 \$	TRANSFORMATION
194637	194601	194601	USER COST MACH (EX ELEC MACH) INDST - MACH & EQUIP & CICIOE	10**6 \$	TRANSFORMATION
194638	194601	194601	USER COST NON AUTO TRANSPORT EQUIP - MACH & EQUIP & CICIOE	10**6 \$	TRANSFORMATION
194639	194601	194601	USER COST MOTOR VEHICLE (EX PARTS & ACC) - MACH & EQUIP & CICIOE	10**6 \$	TRANSFORMATION
194640	194601	194601	USER COST MOTOR VEHICLE PARTS & ACC - MACH & EQUIP & CICIOE	10**6 \$	TRANSFORMATION
194641	194601	194601	USER COST MOTOR VEHICLE PARTS & ACC - MACH & EQUIP & CICIOE	10**6 \$	TRANSFORMATION
194642	194601	194601	USER COST ELECTRICAL PROD INDST - MACH & EQUIP & CICIOE	10**6 \$	TRANSFORMATION
194643	194601	194601	USER COST NON METAL MIN PROD INDST - MACH & EQUIP & CICIOE	10**6 \$	TRANSFORMATION
194644	194601	194601	USER COST WOOD INDST - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
194645	194601	194601	USER COST FURN & FIXT INDST - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
194646	194601	194601	USER COST NONFERROUS METALS - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
194647	194601	194601	USER COST RUBBER & PLASTIC PROD INDST - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
194648	194601	194601	USER COST LEATHER INDST - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
194649	194601	194601	USER COST TEXTILE INDST - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
194650	194601	194601	USER COST KNITTING & CLOTHING INDST - BLDG CONSTRUCTION	10**6 \$	TRANSFORMATION
194651	194601	194601	USER COST PAPER & ALLIED INDST - BLDG CONSTRUCTION	10**6 \$	TRANSFORMATION
194652	194601	194601	USER COST PRINT&PUB & ALLIED INDST - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
194653	194601	194601	USER COST PET & COAL PROD INDST - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
194654	194601	194601	USER COST PET & COAL PROD INDST - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
194655	194601	194601	USER COST CHEM & CHEM PROD INDST - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
194656	194601	194601	USER COST CHEM & CHEM PROD INDST - BLDG & ENG CONSTRUCTION	10**6 \$	TRANSFORMATION
194657	194601	194601	USER COST MISC MANUF INDST - BLDG CONSTRUCTION	10**6 \$	TRANSFORMATION
194658	194601	194601	USER COST MISC MANUF INDST - BLDG CONSTRUCTION	10**6 \$	TRANSFORMATION
194659	194601	194601	USER COST FOOD & BEVERAGES INDST - MACH & EQUIP & CICIOE	10**6 \$	TRANSFORMATION
194660	194601	194601	USER COST FOOD & BEVERAGES INDST - MACH & EQUIP & CICIOE	10**6 \$	TRANSFORMATION

VARIABLE	FROM	TU	DESCRIPTION	UNIT	SOURCE
1ZMFMOC311.8	194801	- 197601	D15 CAP COST MACH (EX ELEC PACH) INDST - BLDG & ENG CONSTRUCTION	10000	TRANSFORMATION
1ZMFMOC321+26.9	194801	- 197601	D15 CAP COST NON AUTO TRANSPORT EQUIP - BLDG & ENG CONSTRUCTION	10000	TRANSFORMATION
1ZMFMOC323.4	194801	- 197601	D15 CAP COST MOTOR VEHICLE (EX PARTS&ACC) - BLDG CONSTRUCTION	10000	TRANSFORMATION
1ZMFMOC325	194801	- 197601	D15 CAP COST MOTOR VEHICLE PARTS & ACC - BLDG & ENG CONSTRUCTION	10000	TRANSFORMATION
1ZMFMOC331.9	194801	- 197601	D15 CAP COST ELECTRICAL PROD INDST - BLDG & ENG CONSTRUCTION	10000	TRANSFORMATION
1ZMFMOC351.9	194801	- 197601	D15 CAP COST NON METAL MIN PROD INDST - BLDG & ENG CONSTRUCTION	10000	TRANSFORMATION
1ZMFMOC251.9	194801	- 197601	D15 CAP COST WOOD INDST - BLDG & ENG CONSTRUCTION	10000	TRANSFORMATION
1ZMFMOC261.8	194801	- 197601	D15 CAP COST FURN & FIXT INDST - MACH & EQUIP & CICIOE	10000	TRANSFORMATION
1ZMFMOC291.4	194801	- 197601	D15 CAP COST IRON & STEEL INDST - MACH & EQUIP & CICIOE	10000	TRANSFORMATION
1ZMFMOC295.8	194801	- 197601	D15 CAP COST METAL FAB INDST - MACH & EQUIP & CICIOE	10000	TRANSFORMATION
1ZMFMOC301.9	194801	- 197601	D15 CAP COST NON FERROUS METALS - MACH & EQUIP & CICIOE	10000	TRANSFORMATION
1ZMFMOC311.8	194801	- 197601	D15 CAP COST MACH (EX ELEC MACH) INDST - MACH & EQUIP & CICIOE	10000	TRANSFORMATION
1ZMFMOC321+26.9	194801	- 197601	D15 CAP COST NON AUTO TRANSPORT EQUIP - MACH & EQUIP & CICIOE	10000	TRANSFORMATION
1ZMFMOC321+26.9	194801	- 197601	D15 CAP COST MOTOR VEHICLE (EX PARTS&ACC) - MACH & EQUIP & CICIOE	10000	TRANSFORMATION
1ZMFMOC323.4	194801	- 197601	D15 CAP COST MOTOR VEHICLE PARTS & ACC - MACH & EQUIP & CICIOE	10000	TRANSFORMATION
1ZMFMOC325	194801	- 197601	D15 CAP COST ELECTRICAL PROD INDST - MACH & EQUIP & CICIOE	10000	TRANSFORMATION
1ZMFMOC351.3	194801	- 197601	D15 CAP COST NON METAL MIN PROD INDST - MACH & EQUIP & CICIOE	10000	TRANSFORMATION
1ZMFMOC162.5	194801	- 197601	D15 CAP COST FOOD & BEVERAGES INDST - BLDG & ENG CONSTRUCTION	10000	TRANSFORMATION
1ZMFMOC172.9	194801	- 197601	D15 CAP COST TOBACCO PROD INDST - BLDG & ENG CONSTRUCTION	10000	TRANSFORMATION
1ZMFMOC181.9	194801	- 197601	D15 CAP COST RUBBER & PLASTIC PROD INDST - BLDG & ENG CONST	10000	TRANSFORMATION
1ZMFMOC231.4	194801	- 197601	D15 CAP COST LEATHER INDST - BLDG & ENG CONSTRUCTION	10000	TRANSFORMATION
1ZMFMOC271.4	194801	- 197601	D15 CAP COST TEXTILE INDST - BLDG & ENG CONSTRUCTION	10000	TRANSFORMATION
1ZMFMOC286.9	194801	- 197601	D15 CAP COST KNITTING & CLOTHING INDST - BLDG CONSTRUCTION	10000	TRANSFORMATION
1ZMFMOC365.9	194801	- 197601	D15 CAP COST PAPER & ALLIED INDST - BLDG & ENG CONSTRUCTION	10000	TRANSFORMATION
1ZMFMOC372.9	194801	- 197601	D15 CAP COST PET & COAL PROD INDST - BLDG & ENG CONSTRUCTION	10000	TRANSFORMATION
1ZMFMOC391.9	194801	- 197601	D15 CAP COST CHEM & CHEM INDST - BLDG & ENG CONSTRUCTION	10000	TRANSFORMATION
1ZMFMOC401.9	194801	- 197601	D15 CAP COST MISC MANUF INDST - BLDG & ENG CONSTRUCTION	10000	TRANSFORMATION
1ZMFMOC415.3	194801	- 197601	D15 CAP COST FOOD & BEVERAGES INDST - MACH & EQUIP & CICIOE	10000	TRANSFORMATION
1ZMFMOC416.5	194801	- 197601	D15 CAP COST TOBACCO PROD INDST - MACH & EQUIP & CICIOE	10000	TRANSFORMATION
1ZMFMOC417.2	194801	- 197601	D15 CAP COST RUBBER & PLASTIC PROD INDST - MACH & EQUIP & CICIOE	10000	TRANSFORMATION
1ZMFMOC418.1	194801	- 197601	D15 CAP COST LEATHER INDST - MACH & EQUIP & CICIOE	10000	TRANSFORMATION
1ZMFMOC419.4	194801	- 197601	D15 CAP COST KNITTING & CLOTHING INDST - MACH & EQUIP & CICIOE	10000	TRANSFORMATION
1ZMFMOC423.4	194801	- 197601	D15 CAP COST PAPER & ALLIED INDST - MACH & EQUIP & CICIOE	10000	TRANSFORMATION
1ZMFMOC427.9	194801	- 197601	D15 CAP COST PET & COAL PROD INDST - MACH & EQUIP & CICIOE	10000	TRANSFORMATION
1ZMFMOC431.9	194801	- 197601	D15 CAP COST CHEM & CHEM INDST - MACH & EQUIP & CICIOE	10000	TRANSFORMATION
1ZMFMOC432.9	194801	- 197601	D15 CAP COST MISC MANUF INDST - MACH & EQUIP & CICIOE	10000	TRANSFORMATION
1ZMFMOC433.4	194801	- 197601	D15 CAP COST TOBACCO PROD INDST - MACH & EQUIP & CICIOE	10000	TRANSFORMATION
1ZMFMOC434.9	194801	- 197601	D15 CAP COST RUBBER & PLASTIC PROD INDST - MACH & EQUIP & CICIOE	10000	TRANSFORMATION
1ZMFMOC435.9	194801	- 197601	D15 CAP COST LEATHER INDST - MACH & EQUIP & CICIOE	10000	TRANSFORMATION
1ZMFMOC436.9	194801	- 197601	D15 CAP COST KNITTING & CLOTHING INDST - MACH & EQUIP & CICIOE	10000	TRANSFORMATION
1ZMFMOC437.2	194801	- 197601	D15 CAP COST PAPER & ALLIED INDST - MACH & EQUIP & CICIOE	10000	TRANSFORMATION
1ZMFMOC438.1	194801	- 197601	D15 CAP COST PET & COAL PROD INDST - MACH & EQUIP & CICIOE	10000	TRANSFORMATION
1ZMFMOC439.4	194801	- 197601	D15 CAP COST CHEM & CHEM PROD INDST - MACH & EQUIP & CICIOE	10000	TRANSFORMATION
1ZMFMOC440.9	194801	- 197601	D15 CAP COST MISC MANUF INDST - MACH & EQUIP & CICIOE	10000	TRANSFORMATION
1ZMFMOC441	194801	- 197601	D15 CAP COST COAL MIN - BLDG & ENG CONSTRUCTION	10000	TRANSFORMATION
1ZMFMOC442	194801	- 197601	D15 CAP COST COAL MIN - MACH & EQUIP & CICIOE	10000	TRANSFORMATION
1ZMFMOC443	194801	- 197601	D15 CAP COST COAL MIN - BLDG & ENG CONSTRUCTION	10000	TRANSFORMATION
1ZMFMOC444	194801	- 197601	D15 CAP COST METAL MIN INDST - MACH & EQUIP	10000	TRANSFORMATION
1ZMFMOC445	194801	- 197601	D15 CAP COST METAL MIN INDST - BLDG & ENG CONSTRUCTION	10000	TRANSFORMATION
1ZMFMOC446	194801	- 197601	D15 CAP COST NON METAL MIN (EX COAL) INDST - BLDG & ENG CONST	10000	TRANSFORMATION
1ZMFMOC447	194801	- 197601	D15 CAP COST NON METAL MIN (EX COAL) INDST - MACH & EQUIP & CICIOE	10000	TRANSFORMATION
1ZMFMOC448	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - B & E CONST	10000	TRANSFORMATION
1ZMFMOC449	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - MACH & EQUIP	10000	TRANSFORMATION
1ZMFMOC450	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - B & E CONST	10000	TRANSFORMATION
1ZMFMOC451	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - MACH & EQUIP	10000	TRANSFORMATION
1ZMFMOC452	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - B & E CONST	10000	TRANSFORMATION
1ZMFMOC453	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - MACH & EQUIP	10000	TRANSFORMATION
1ZMFMOC454	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - B & E CONST	10000	TRANSFORMATION
1ZMFMOC455	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - MACH & EQUIP	10000	TRANSFORMATION
1ZMFMOC456	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - B & E CONST	10000	TRANSFORMATION
1ZMFMOC457	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - MACH & EQUIP	10000	TRANSFORMATION
1ZMFMOC458	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - B & E CONST	10000	TRANSFORMATION
1ZMFMOC459	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - MACH & EQUIP	10000	TRANSFORMATION
1ZMFMOC460	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - B & E CONST	10000	TRANSFORMATION
1ZMFMOC461	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - MACH & EQUIP	10000	TRANSFORMATION
1ZMFMOC462	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - B & E CONST	10000	TRANSFORMATION
1ZMFMOC463	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - MACH & EQUIP	10000	TRANSFORMATION
1ZMFMOC464	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - B & E CONST	10000	TRANSFORMATION
1ZMFMOC465	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - MACH & EQUIP	10000	TRANSFORMATION
1ZMFMOC466	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - B & E CONST	10000	TRANSFORMATION
1ZMFMOC467	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - MACH & EQUIP	10000	TRANSFORMATION
1ZMFMOC468	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - B & E CONST	10000	TRANSFORMATION
1ZMFMOC469	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - MACH & EQUIP	10000	TRANSFORMATION
1ZMFMOC470	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - B & E CONST	10000	TRANSFORMATION
1ZMFMOC471	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - MACH & EQUIP	10000	TRANSFORMATION
1ZMFMOC472	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - B & E CONST	10000	TRANSFORMATION
1ZMFMOC473	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - MACH & EQUIP	10000	TRANSFORMATION
1ZMFMOC474	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - B & E CONST	10000	TRANSFORMATION
1ZMFMOC475	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - MACH & EQUIP	10000	TRANSFORMATION
1ZMFMOC476	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - B & E CONST	10000	TRANSFORMATION
1ZMFMOC477	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - MACH & EQUIP	10000	TRANSFORMATION
1ZMFMOC478	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - B & E CONST	10000	TRANSFORMATION
1ZMFMOC479	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - MACH & EQUIP	10000	TRANSFORMATION
1ZMFMOC480	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - B & E CONST	10000	TRANSFORMATION
1ZMFMOC481	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - MACH & EQUIP	10000	TRANSFORMATION
1ZMFMOC482	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - B & E CONST	10000	TRANSFORMATION
1ZMFMOC483	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - MACH & EQUIP	10000	TRANSFORMATION
1ZMFMOC484	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - B & E CONST	10000	TRANSFORMATION
1ZMFMOC485	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - MACH & EQUIP	10000	TRANSFORMATION
1ZMFMOC486	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - B & E CONST	10000	TRANSFORMATION
1ZMFMOC487	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - MACH & EQUIP	10000	TRANSFORMATION
1ZMFMOC488	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - B & E CONST	10000	TRANSFORMATION
1ZMFMOC489	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - MACH & EQUIP	10000	TRANSFORMATION
1ZMFMOC490	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - B & E CONST	10000	TRANSFORMATION
1ZMFMOC491	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - MACH & EQUIP	10000	TRANSFORMATION
1ZMFMOC492	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - B & E CONST	10000	TRANSFORMATION
1ZMFMOC493	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - MACH & EQUIP	10000	TRANSFORMATION
1ZMFMOC494	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - B & E CONST	10000	TRANSFORMATION
1ZMFMOC495	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - MACH & EQUIP	10000	TRANSFORMATION
1ZMFMOC496	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - B & E CONST	10000	TRANSFORMATION
1ZMFMOC497	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - MACH & EQUIP	10000	TRANSFORMATION
1ZMFMOC498	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - B & E CONST	10000	TRANSFORMATION
1ZMFMOC499	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - MACH & EQUIP	10000	TRANSFORMATION
1ZMFMOC500	194801	- 197601	D15 CAP COST CRD PET NATL GAS SERV INC TO MIN IND - B & E CONST	10000	TRANSFORMATION

VARIABLE	FROM	TO	DESCRIPTION	UNITS	SOURCE
12SVHGEDC806	194801	197601	DIS CAP COST COLLEGE & UNIV EDUC - BLDG CONSTRUCTION	10**0	TRANSFORMATION
12SVHGEDM806	194801	197601	DIS CAP COST COLLEGE & UNIV EDUC - MACH & EQUIP	10**0	TRANSFORMATION
12SVNCC	194801	197601	DIS CAP COST OTHER NONCOMMER SVCS INDST - BLDG CONSTRUCTION	10**0	TRANSFORMATION
12SVNMC	194801	197601	DIS CAP COST OTHER NONCOMMER SVCS INDST - MACH & EQUIP	10**0	TRANSFORMATION
12TRAD602.99	194801	197601	DIS CAP COST WHSE & RETAIL TRADE INDST - BLDG CONSTRUCTION	10**0	TRANSFORMATION
12TRAD602.99	194801	197601	DIS CAP COST WHSE & RETAIL TRADE INDST - MACH & EQUIP & CICE	10**0	TRANSFORMATION
12TRSP501.27	194801	197601	DIS CAP COST TRANSPORT INDST - BLDG & ENG CONSTRUCTION	10**0	TRANSFORMATION
12TRSP501.27	194801	197601	DIS CAP COST TRANSPORT INDST - MACH & EQUIP & CICE	10**0	TRANSFORMATION
12TILC572.9	194801	197601	DIS CAP COST UTILITY INDST - BLDG CONSTRUCTION	10**0	TRANSFORMATION
12TILC572.9	194801	197601	DIS CAP COST UTILITY INDST - MACH & EQUIP & CICE	10**0	TRANSFORMATION
MACFT1.21*41.7	194801	197501	MANHOURS - AGRICULTURE, FISHERY, TRAPPING INDST	10**6	TRANSFORMATION
MCNST	194801	197501	MANHOURS - CONSTRUCTION	10**6	TRANSFORMATION
MCCMM* TR SP	194801	197501	MANHOURS - COMMUNICATION & TRANSPORTATION	10**6	TRANSFORMATION
ME	195001	197501	MANHOURS - TOTAL ECONOMY	10**6	TRANSFORMATION
MEFRET01.37	194801	197501	MANHOURS - FIN, INS. & REAL ESTATE INDST	10**6	TRANSFORMATION
MEFV31.9	194801	197501	MANHOURS - FORESTRY INDUSTRIES	10**6	TRANSFORMATION
MUPA	195001	197501	MANHOURS - PUBLIC ADMINISTRATION (INCL. DEF.)	10**6	TRANSFORMATION
MHF	194801	197501	MANHOURS - MANUFACTURING, TOTAL	10**6	TRANSFORMATION
MHFD2 51.59	195701	197501	MANHOURS - MANUFACTURING DURABLES, TOTAL	10**6	TRANSFORMATION
MHFD2 61.68	195701	197501	MANHOURS - WOOD INDUSTRIES	10**6	TRANSFORMATION
MHFD2 91.94	195701	197501	MANHOURS - FURNITURE AND FIXTURES INDUSTRIES	10**6	TRANSFORMATION
MHFD2 91.98	195701	197501	MANHOURS - IRON AND STEEL INDUSTRIES	10**6	TRANSFORMATION
MHFD2 91.98	195701	197501	MANHOURS - PRIMARY METAL INDUSTRIES	10**6	TRANSFORMATION
MHFD2 91.98	195701	197501	MANHOURS - ACCOUNTING ADJUSTMENT PRIMARY METAL	10**6	TRANSFORMATION
MHFD2 95.98	195701	197501	MANHOURS - NON FERROUS METAL INDUSTRIES	10**6	TRANSFORMATION
MHFD3 01.09	195701	197501	MANHOURS - METAL FABRICATING INDUSTRIES	10**6	TRANSFORMATION
MHFD3 11.18	195701	197501	MANHOURS - MACHINERY (EX ELEC MACH) INDST	10**6	TRANSFORMATION
MHFD3 21.29	195701	197501	MANHOURS - TRANSPORTATION EQUIPMENT INDST	10**6	TRANSFORMATION
MHFD3 21.29	195701	197501	MANHOURS - ACCOUNTING ADJUSTMENT TRSP. EQUIP IND	10**6	TRANSFORMATION
MHFD3 21.29	195701	197501	MANHOURS - NON AUTO TRANSP EQUIP INDST	10**6	TRANSFORMATION
MHFD3 21.29	195701	197501	MANHOURS - MOTOR VEHICLE INDST (EX PARTSEACC)	10**6	TRANSFORMATION
MHFD3 25	195701	197501	MANHOURS - ELECTRICAL PRODUCTS INDUSTRIES	10**6	TRANSFORMATION
MHFD3 31.39	195701	197501	MANHOURS - NON METALLIC MINERAL PROD INDST	10**6	TRANSFORMATION
MHFD3 31.39	195701	197501	MANHOURS - MANUFACTURING NONDURABLES, TOTAL	10**6	TRANSFORMATION
MHFD3 51.59	195701	197501	MANHOURS - FOOD AND BEVERAGE INDUSTRIES	10**6	TRANSFORMATION
MHFD3 51.59	195701	197501	MANHOURS - TOBACCO PRODUCTS INDUSTRIES	10**6	TRANSFORMATION
MHFD1 62.65	195701	197501	MANHOURS - RUBBER AND PLASTIC PRODS INDST	10**6	TRANSFORMATION
MHFD1 72.79	195701	197501	MANHOURS - LEATHER INDUSTRIES	10**6	TRANSFORMATION
MHFD1 81.89	195701	197501	MANHOURS - TEXTILE INDUSTRIES	10**6	TRANSFORMATION
MHFD1 81.89	195701	197501	MANHOURS - KNITTING & CLOTHING PILLS INDST	10**6	TRANSFORMATION
MHFD1 51.53	195701	197501	MANHOURS - PAPER AND ALLIED INDUSTRIES	10**6	TRANSFORMATION
MHFD1 62.65	195701	197501	MANHOURS - PRINTING, PUBLISHING & ALLIED INDST	10**6	TRANSFORMATION
MHFD1 72.79	195701	197501	MANHOURS - PETROLEUM & COAL PRODUCTS INDST	10**6	TRANSFORMATION
MHFD1 81.89	195701	197501	MANHOURS - CHEMICAL & CHEMICAL PRODUCTS INDST	10**6	TRANSFORMATION
MHFD1 91.99	195701	197501	MANHOURS - MISCELLANEOUS MANUFACTURING INDST	10**6	TRANSFORMATION
MHFD1 91.99	195701	197501	MANHOURS - MINING, TOTAL	10**6	TRANSFORMATION
MHFD1 91.99	195701	197501	MANHOURS - ACCOUNTING ADJUSTMENT MINING	10**6	TRANSFORMATION
MHFD1 91.99	195701	197501	MANHOURS - COAL MINING INDUSTRIES	10**6	TRANSFORMATION
MHFD1 91.99	195701	197501	MANHOURS - COAL MINING INDUSTRIES	10**6	TRANSFORMATION

VARIABLE	FROM	TO	DESCRIPTION	UNITS	SOURCE
MM1CP64+96.9	195701	197501	MANHOURS - CRD PET,NATL GASC SERV, INCID, TO MIN	10**6	TRANSFORMATION
MM1MMS1.9	195701	197501	MANHOURS - METAL MINING INDUSTRIES	10**6	TRANSFORMATION
MM1MM71.87	195701	197501	MANHOURS - NON METAL MINING (EXCEPT COAL) INDST	10**6	TRANSFORMATION
MSV	195001	197501	MANHOURS - SERVICES	10**6	TRANSFORMATION
MM1RA06.02.99	194801	197501	MANHOURS - WHOLESALE & RETAIL TRADE INDST	10**6	TRANSFORMATION
MM1TILS72.79	195001	197501	MANHOURS - UTILITY INDUSTRIES	10**6	TRANSFORMATION
NACFT11.21+41.7	194801	197501	EMPLOYMENT - AGRICULTURE, FISH & TRAPPING INDST	10**3	TRANSFORMATION
NCNST	194801	197501	EMPLOYMENT - CONSTRUCTION	10**3	TRANSFORMATION
NCNMH+TR SP	194801	197501	EMPLOYMENT - COMMUNICATION & TRANSPORTATION	10**3	TRANSFORMATION
NOMMY58	195001	197501	DUMMY VARIABLE - EMPLOYMENT BLOCK	10**3	LF-SURVEY
NOMMY64	195001	197501	DUMMY VARIABLE - EMPLOYMENT BLOCK	10**3	ECC
NE	195001	197501	EMPLOYMENT - TOTAL ECONOMY	10**3	TRANSFORMATION
MM1TRET01.37	194801	197501	EMPLOYMENT - FIN, INS, & REAL ESTATE INDST	10**3	LF-SURVEY
MM1STY31.9	194801	197501	EMPLOYMENT - FORESTRY INDUSTRIES	10**3	LF-SURVEY
NGPA	195001	197501	EMPLOYMENT - PUBLIC ADMINISTRATION (INCL. DEF.)	10**3	LF-SURVEY
MMF	194801	197501	EMPLOYMENT - MANUFACTURING, TOTAL	10**3	LF-SURVEY
MMFDR	195101	197501	EMPLOYMENT - MANUFACTURING DURABLES, TOTAL	10**3	TRANSFORMATION
MMFDR21.59	195101	197501	EMPLOYMENT - WOOD INDUSTRIES	10**3	TRANSFORMATION
MMFDR21.68	195101	197501	EMPLOYMENT - FURNITURE AND FIXTURES INDUSTRIES	10**3	TRANSFORMATION
MMFDR21.94	195101	197501	EMPLOYMENT - IRON AND STEEL INDUSTRIES	10**3	TRANSFORMATION
MMFDR21.98	195101	197501	EMPLOYMENT - PRIMARY METAL INDUSTRIES	10**3	TRANSFORMATION
MMFDR21.98	195101	197501	EMPLOYMENT - NON FERROUS METAL INDUSTRIES	10**3	TRANSFORMATION
MMFDR21.98	195101	197501	EMPLOYMENT - METAL FABRICATING INDUSTRIES	10**3	TRANSFORMATION
MMFDR31.09	195101	197501	EMPLOYMENT - MACHINERY (EX ELEC MACH) INDST	10**3	TRANSFORMATION
MMFDR31.18	195101	197501	EMPLOYMENT - TRANSPORTATION EQUIPMENT INDST	10**3	TRANSFORMATION
MMFDR31.29	195101	197501	EMPLOYMENT - NON AUTO TRANSP EQUIP INDST	10**3	TRANSFORMATION
MMFDR31.29+326.29	195101	197501	EMPLOYMENT - MOTOR VEHICLE INDST (EX PARTS SECC)	10**3	TRANSFORMATION
MMFDR31.24	195101	197501	EMPLOYMENT - MOTOR VEHICLE PARTS SECC - INDST	10**3	TRANSFORMATION
MMFDR31.25	195101	197501	EMPLOYMENT - ELECTRICAL PRODUCTS INDUSTRIES	10**3	TRANSFORMATION
MMFDR31.39	195101	197501	EMPLOYMENT - NON METALLIC MINERAL PROD INDST	10**3	TRANSFORMATION
MMFDR31.59	195101	197501	EMPLOYMENT - MANUFACTURING NONDURABLES, TOTAL	10**3	TRANSFORMATION
MMFND	195101	197501	EMPLOYMENT - FOOD AND BEVERAGE INDUSTRIES	10**3	TRANSFORMATION
MMFND01.09	195101	197501	EMPLOYMENT - TOBACCO PRODUCTS INDUSTRIES	10**3	TRANSFORMATION
MMFND01.51.53	195101	197501	EMPLOYMENT - RUBBER AND PLASTIC PRODS INDST	10**3	TRANSFORMATION
MMFND01.62.65	195101	197501	EMPLOYMENT - LEATHER INDUSTRIES	10**3	TRANSFORMATION
MMFND01.72.79	195101	197501	EMPLOYMENT - TEXTILE INDUSTRIES	10**3	TRANSFORMATION
MMFND01.81.89	195101	197501	EMPLOYMENT - KNITTING & CLOTHING MILLS INDST	10**3	TRANSFORMATION
MMFND01.81.89	195101	197501	EMPLOYMENT - PAPER AND ALLIED INDUSTRIES	10**3	TRANSFORMATION
MMFND01.81.89	195101	197501	EMPLOYMENT - PRINTING, PUBLISHING & ALLIED INDST	10**3	TRANSFORMATION
MMFND01.81.89	195101	197501	EMPLOYMENT - PETROLEUM & COAL PRODUCTS INDST	10**3	TRANSFORMATION
MMFND01.81.89	195101	197501	EMPLOYMENT - CHEMICAL & CHEMICAL PRODUCTS INDST	10**3	TRANSFORMATION
MMFND01.81.89	195101	197501	EMPLOYMENT - MISCELLANEOUS MANUFACTURING INDST	10**3	TRANSFORMATION
MMFND01.81.89	195101	197501	EMPLOYMENT - MINING, TOTAL	10**3	LF-SURVEY
MM1	194801	197501	EMPLOYMENT - COAL MINING INDUSTRIES	10**3	TRANSFORMATION
MM1C161	195101	197501	EMPLOYMENT - CRD PET,NATL GASC SERV, INCID, TO MIN	10**3	TRANSFORMATION
MM1MMS1.9	195101	197501	EMPLOYMENT - METAL MINING INDUSTRIES	10**3	TRANSFORMATION
MM1MM71.87	195101	197501	EMPLOYMENT - NON METAL MINING (EXCEPT COAL) INDST	10**3	TRANSFORMATION
MM1S	194601	197601	NET NATIONAL INCOME AT FACTOR C1ST	10**6	STATCAN MAT ACC
MSV	195001	197501	EMPLOYMENT - SERVICES	10**3	LF-SURVEY

VARIABLE	FROM	TO	DESCRIPTION	UNITS	SOURCE
NTRAD602.99	194801	197501	EMPLOYMENT - WHOLESALE & RETAIL TRADE INDST	10**3	LF-SURVEY
NUTL1572.79	194801	197501	EMPLOYMENT - UTILITY INDUSTRIES	10**3	LF-SURVEY
PDS\$	194601	197601	PERSONAL DISPOSABLE INCOME	10**6 \$	STATCAN NAT ACC
PFC	194701	197601	DEFLECTOR CONS EXPEND - TOTAL	1971=1.0	TRANSFORMATION
PFC	194701	197601	DEFLECTOR CONS EXPEND - TOTAL DURABLE GOODS AS PER NAT-ACC.	1971=1.0	TRANSFORMATION
PFCF010	194701	197601	DEFLECTOR CONS EXPEND - RECREATION SPORT AND CAMP EQUIPMENT	1971=1.0	TRANSFORMATION
PFCF010	194701	197601	DEFLECTOR CONS EXPEND - FURNITURE AND CARPETS	1971=1.0	TRANSFORMATION
PFCF020	194701	197601	DEFLECTOR CONS EXPEND - HOUSEHOLD APPLIANCES	1971=1.0	TRANSFORMATION
PFCF010	194701	197601	DEFLECTOR CONS EXPEND - NEW AND USED NET AUTOMOBILES	1971=1.0	TRANSFORMATION
PFCF011	194701	197601	DEFLECTOR CONS EXPEND - NEW PASSENGER CARS	1971=1.0	TRANSFORMATION
PFCF011	194701	197601	DEFLECTOR CONS EXPEND - USED (NET) AUTOMOBILES	1971=1.0	TRANSFORMATION
PFCF012	194701	197601	DEFLECTOR CONS EXPEND - REPAIR AND PARTS	1971=1.0	TRANSFORMATION
PFCF020	194701	197601	DEFLECTOR CONS EXPEND - TOTAL SEMI-DURABLES AS PER NAT-ACC.	1971=1.0	TRANSFORMATION
PFCF	194701	197601	DEFLECTOR CONS EXPEND - MEN'S AND BOY'S CLOTHING	1971=1.0	TRANSFORMATION
PFCF010	194701	197601	DEFLECTOR CONS EXPEND - WOMEN'S GIRLS AND INFANTS WEAR	1971=1.0	TRANSFORMATION
PFCF020	194701	197601	DEFLECTOR CONS EXPEND - FOOTWEAR AND REPAIR	1971=1.0	TRANSFORMATION
PFCF020	194701	197601	DEFLECTOR CONS EXPEND - BOOKS NEWSPAPERS AND MAGAZINES	1971=1.0	TRANSFORMATION
PFCF030	194701	197601	DEFLECTOR CONS EXPEND - SEMI-DURABLE HOUSEHOLD FURNISHINGS	1971=1.0	TRANSFORMATION
PFCF030	194701	197601	DEFLECTOR CONS EXPEND - JEWELLERY WATCHES AND REPAIRS	1971=1.0	TRANSFORMATION
PFCF030	194701	197601	DEFLECTOR CONS EXPEND - TOTAL NON-DURABLES AS PER NAT-ACC.	1971=1.0	TRANSFORMATION
PFCF	194701	197601	DEFLECTOR CONS EXPEND - FOOD AND NON-ALCOHOLIC BEVERAGES	1971=1.0	TRANSFORMATION
PFCF010	194701	197601	DEFLECTOR CONS EXPEND - ALCOHOLIC BEVERAGES	1971=1.0	TRANSFORMATION
PFCF020	194701	197601	DEFLECTOR CONS EXPEND - TOBACCO	1971=1.0	TRANSFORMATION
PFCF030	194701	197601	DEFLECTOR CONS EXPEND - NON-DURABLES HOUSEHOLD SUPPLIES	1971=1.0	TRANSFORMATION
PFCF040	194701	197601	DEFLECTOR CONS EXPEND - DRUGS AND SUNDRIES	1971=1.0	TRANSFORMATION
PFCF020	194701	197601	DEFLECTOR CONS EXPEND - TOILET ARTICLES AND COSMETICS	1971=1.0	TRANSFORMATION
PFCF040	194701	197601	DEFLECTOR CONS EXPEND - GAS	1971=1.0	TRANSFORMATION
PFCF050	194701	197601	DEFLECTOR CONS EXPEND - OTHER FUELS	1971=1.0	TRANSFORMATION
PFCF060	194701	197601	DEFLECTOR CONS EXPEND - GASOLINE OIL AND GREASE	1971=1.0	TRANSFORMATION
PFCF070	194701	197601	DEFLECTOR CONS EXPEND - PERMANENT INCOME PROXY	10**6	TRANSFORMATION
PFCF080	194701	197601	DEFLECTOR CONS EXPEND - TOTAL SERVICES AS PER NAT-ACC.	1971=1.0	TRANSFORMATION
PFCF090	194701	197601	DEFLECTOR CONS EXPEND - TRAVEL EXPENDITURE SERVICES	1971=1.0	TRANSFORMATION
PFCF100	194701	197601	DEFLECTOR CONS EXPEND - MILITARY PAY AND ALLOWANCES ABROAD	1971=1.0	TRANSFORMATION
PFCF110	194701	197601	DEFLECTOR CONS EXPEND - GIFTS* IN KIND (NET)	1971=1.0	TRANSFORMATION
PFCF120	194701	197601	DEFLECTOR CONS EXPEND - TRAVEL EXPENDITURE RECEIPTS	1971=1.0	TRANSFORMATION
PFCF130	194701	197601	DEFLECTOR CONS EXPEND - DEMATIC CATEGORY PFC\$A14	1971=1.0	TRANSFORMATION
PFCF140	194701	197601	DEFLECTOR CONS EXPEND - RECREATION SERVICES	1971=1.0	TRANSFORMATION
PFCF150	194701	197601	DEFLECTOR CONS EXPEND - EDUCATION AND CULTURAL SERVICES	1971=1.0	TRANSFORMATION
PFCF160	194701	197601	DEFLECTOR CONS EXPEND - LAUNDRY AND DRY CLEANING	1971=1.0	TRANSFORMATION
PFCF170	194701	197601	DEFLECTOR CONS EXPEND - DOMESTIC SERVICES	1971=1.0	TRANSFORMATION
PFCF180	194701	197601	DEFLECTOR CONS EXPEND - OTHER HOUSEHOLD SERVICES	1971=1.0	TRANSFORMATION
PFCF190	194701	197601	DEFLECTOR CONS EXPEND - MEDICAL CARE	1971=1.0	TRANSFORMATION
PFCF200	194701	197601	DEFLECTOR CONS EXPEND - DOCTORS (GROSS FEES)	1971=1.0	TRANSFORMATION
PFCF210	194701	197601	DEFLECTOR CONS EXPEND - DENTIST (GROSS FEES)	1971=1.0	TRANSFORMATION
PFCF220	194701	197601	DEFLECTOR CONS EXPEND - OTHER HEALTH PRACTITIONERS (GROSS FEES)	1971=1.0	TRANSFORMATION
PFCF230	194701	197601	DEFLECTOR CONS EXPEND - GOVERNMENT EXPENDITURE - DOCTORS	1971=1.0	TRANSFORMATION
PFCF240	194701	197601	DEFLECTOR CONS EXPEND - HOSPITAL CARE AND THE LIKE	1971=1.0	TRANSFORMATION
PFCF250	194701	197601	DEFLECTOR CONS EXPEND - GOVERNMENT EXPENDITURE - HOSPITALS	1971=1.0	TRANSFORMATION

WARRANTABLE	FROM	TO	DESCRIPTION	UNITS	SOURCE
PFCECH30	194701	- 197601	DEFLECTOR CONS EXPEND - OTHER MEDICAL CARE EXPENSES	1971=1.0	TRANSFORMATION
PFCECH30	194701	- 197601	DEFLECTOR CONS EXPEND - PERSONAL CARE	1971=1.0	TRANSFORMATION
PFCECH30	194701	- 197601	DEFLECTOR CONS EXPEND - EXPENDITURE ON RESTAURANTS AND HOTELS	1971=1.0	TRANSFORMATION
PFCECH30	194701	- 197601	DEFLECTOR CONS EXPEND - FINANCIAL LEGAL AND OTHER SERVICES	1971=1.0	TRANSFORMATION
PFCECH30	194701	- 197601	DEFLECTOR CONS EXPEND - OP. EXP. OF NON-PROFIT ORG.	1971=1.0	TRANSFORMATION
PFCECH30	194701	- 197601	DEFLECTOR CONS EXPEND - GROSS IMPUTED RENT	1971=1.0	TRANSFORMATION
PFCECH30	194701	- 197601	DEFLECTOR CONS EXPEND - GROSS RENT PAID	1971=1.0	TRANSFORMATION
PFCECH30	194701	- 197601	DEFLECTOR CONS EXPEND - OTHER LOGGING	1971=1.0	TRANSFORMATION
PFCECH30	194701	- 197601	DEFLECTOR CONS EXPEND - OTHER AUTO RELATED SERVICES	1971=1.0	TRANSFORMATION
PFCECH30	194701	- 197601	DEFLECTOR CONS EXPEND - PURCHASED TRANSPORTATION	1971=1.0	TRANSFORMATION
PFCECH30	194701	- 197601	DEFLECTOR CONS EXPEND - COMMUNICATIONS	1971=1.0	TRANSFORMATION
PFCECH30	195601	- 197801	DUMMY VARIABLE - FINAL DEMAND PRICE SECTOR	10**0	ECC
PFCECH30	195601	- 197801	DUMMY VARIABLE - FINAL DEMAND PRICE SECTOR	10**0	ECC
PFCECH30	195601	- 197801	DUMMY VARIABLE - FINAL DEMAND PRICE SECTOR	10**0	ECC
PFCECH30	195601	- 197801	DUMMY VARIABLE - FINAL DEMAND PRICE SECTOR	10**0	ECC
PFCECH30	194701	- 197601	DEFLECTOR GOVT EXPND - CURNT GDSERVS, TOTAL	1971=1.0	TRANSFORMATION
PFCECH30	194701	- 197601	DEFLECTOR GOVT EXPND - CURNT GDSERVS, DEPRECIATION	1971=1.0	TRANSFORMATION
PFCECH30	194701	- 197601	DEFLECTOR GOVT EXPND - CURNT GDSERVS, DEFENCE MILITARY PAY	1971=1.0	TRANSFORMATION
PFCECH30	194701	- 197601	DEFLECTOR GOVT EXPND - CURNT GDSERVS, NET OF DEPRECIATION	1971=1.0	TRANSFORMATION
PFCECH30	194701	- 197601	DEFLECTOR GOVT EXPND - CURNT GDSERVS, OTHER NET OF DEPRECIATION	1971=1.0	TRANSFORMATION
PFCECH30	194701	- 197601	DEFLECTOR GOVT EXPND - CURNT GDSERVS, WAGES/SALARIES SLI	1971=1.0	TRANSFORMATION
PFCECH30	194601	- 197601	DEFLECTOR GOVT EXPND - INVEST BLDG CONSTRUCTION	1971=1.0	TRANSFORMATION
PFCECH30	194701	- 197601	DEFLECTOR GOVT EXPND - INVEST TOTAL CAPITAL FORMATION	1971=1.0	TRANSFORMATION
PFCECH30	194601	- 197601	DEFLECTOR GOVT EXPND - INVEST HIGHWAY & ROAD CONSTRUCTION	1971=1.0	TRANSFORMATION
PFCECH30	194701	- 197601	DEFLECTOR GOVT EXPND - INVEST PACH & EQUIP	1971=1.0	TRANSFORMATION
PFCECH30	194701	- 197601	DEFLECTOR GOVT EXPND - INVEST ARMEDS CONSTRUCTION	1971=1.0	TRANSFORMATION
PFCECH30	194601	- 197601	DEFLECTOR GOVT EXPND - INVEST OTHER ENGINEERING CONSTRUCTION	1971=1.0	TRANSFORMATION
PFCECH30	194701	- 197601	DEFLECTOR GOVT EXPND - INVEST RESIDENTIAL	1971=1.0	TRANSFORMATION
PFCECH30	194701	- 197601	DEFLECTOR GOVT EXPND - OTHER GDSERVS, INCL. INVEST LABOUR COMPONENT	1971=1.0	TRANSFORMATION
PFCECH30	194701	- 197601	DEFLECTOR FED GOVT EXPND - CURNT GDSERVS, TOTAL	1971=1.0	TRANSFORMATION
PFCECH30	194701	- 197601	DEFLECTOR FED GOVT EXPND - CURNT GDSERVS, DEFENCE	1971=1.0	TRANSFORMATION
PFCECH30	195601	- 197601	DEFLECTOR FED GOVT EXPND - CURNT GDSERVS, DEF CIV WAGES/SALARIES	1971=1.0	TRANSFORMATION
PFCECH30	194701	- 197601	DEFLECTOR FED GOVT EXPND - CURNT GDSERVS, DEF CAPITAL	1971=1.0	TRANSFORMATION
PFCECH30	194701	- 197601	DEFLECTOR FED GOVT EXPND - CURNT GDSERVS, DEF MILITARY PAY	1971=1.0	TRANSFORMATION
PFCECH30	195601	- 197601	DEFLECTOR FED GOVT EXPND - CURNT GDSERVS, DEF RESIDUAL	1971=1.0	TRANSFORMATION
PFCECH30	194701	- 197601	DEFLECTOR FED GOVT EXPND - CURNT GDSERVS, NET OF DEPRECIATION	1971=1.0	TRANSFORMATION
PFCECH30	194601	- 197601	DEFLECTOR FED GOVT EXPND - CURNT GDSERVS, NON DEFENCE	1971=1.0	TRANSFORMATION
PFCECH30	195601	- 197601	DEFLECTOR FED GOVT EXPND - CURNT GDSERVS, NONDEF WAGES/SALARIES	1971=1.0	TRANSFORMATION
PFCECH30	195601	- 197601	DEFLECTOR FED GOVT EXPND - INST FIXED CAPITAL	1971=1.0	TRANSFORMATION
PFCECH30	195601	- 197601	DEFLECTOR FED GOVT EXPND - INST NONRES CONSTRUCTION	1971=1.0	TRANSFORMATION
PFCECH30	194701	- 197601	DEFLECTOR HOSP GOVT EXPND - GDSERVS, TOTAL	1971=1.0	TRANSFORMATION
PFCECH30	194701	- 197601	DEFLECTOR HOSP GOVT EXPND - GDSERVS, NET OF DEPRECIATION	1971=1.0	TRANSFORMATION
PFCECH30	194701	- 197601	DEFLECTOR HOSP GOVT EXPND - GDSERVS, OTHER NET OF DEPREC	1971=1.0	TRANSFORMATION
PFCECH30	194701	- 197601	DEFLECTOR HOSP GOVT EXPND - GDSERVS, WAGES/SALARIES SLI	1971=1.0	TRANSFORMATION
PFCECH30	194701	- 197601	DEFLECTOR HOSP GOVT EXPND - INVEST, TOTAL	1971=1.0	TRANSFORMATION
PFCECH30	194701	- 197601	DEFLECTOR LOCAL GOVT EXPND - GDSERVS, NET OF DEPRECIATION	1971=1.0	TRANSFORMATION
PFCECH30	194701	- 197601	DEFLECTOR LOCAL GOVT EXPND - GDSERVS, MUNICIPAL (EXCL SCHOOLS)	1971=1.0	TRANSFORMATION
PFCECH30	194701	- 197601	DEFLECTOR LOCAL GOVT EXPND - GDSERVS, WAGES/SAL, MUNICP SCHOOLS	1971=1.0	TRANSFORMATION

VARIABLE	FROM	TO	DESCRIPTION	UNITS	SOURCE
PFCEGL-INV	195401	- 197601	DEFLATOR LOCAL GOVT EXPND - INVST, TOTAL	1971=1.0	TRANSFORMATION
PFCEGL-INV.NR	195401	- 197601	DEFLATOR LOCAL GOVT EXPND - INVST NONRES CONSTRUCTION	1971=1.0	TRANSFORMATION
PFCEGL-CGS	194701	- 197601	DEFLATOR PROV GOVT EXPND - GSESRVS, TOTAL	1971=1.0	TRANSFORMATION
PFCEGL-CGS.GS	194701	- 197601	DEFLATOR PROV GOVT EXPND - GSESRVS, NET OF DEPRECIATION	1971=1.0	TRANSFORMATION
PFCEGL-CGS.MED	194701	- 197601	DEFLATOR PROV GOVT EXPND - GSESRVS, MEDICARE	1971=1.0	TRANSFORMATION
PFCEGL-CGS.WS	194701	- 197601	DEFLATOR PROV GOVT EXPND - GSESRVS, WAGESALARIES SLI	1971=1.0	TRANSFORMATION
PFCEGL-INV	195401	- 197601	DEFLATOR PROV GOVT EXPND - INVST, TOTAL	1971=1.0	TRANSFORMATION
PFCEGL-INV.NR	195401	- 197601	DEFLATOR PROV GOVT EXPND - INVST, NONRESIDENTIAL	1971=1.0	TRANSFORMATION
PFCEGL-C	194601	- 197601	DEFLATOR GROSS CAPITAL FORMATION	1971=1.0	TRANSFORMATION
PFCEGL-B	194601	- 197601	DEFLATOR - INV BUSINESS	1971=1.0	TRANSFORMATION
PFCEGL	194601	- 197601	DEFLATOR GROSS NATIONAL EXPENDITURE (GNE)	1971=1.0	TRANSFORMATION
PFCEGL	195101	- 197601	PRICE INDEX - HOME OWNERSHIP	10=100	STATCAN MA T. ACC
PFCEGL	194601	- 197601	DEFLATOR INV AGRIC FISH & TRAP INDST - BLDG & ENG CONST	1971=1.0	TRANSFORMATION
PFCEGL	194601	- 197601	DEFLATOR INV BUS NONRES CONST - MACH & EQUIP	1971=1.0	TRANSFORMATION
PFCEGL	194601	- 197601	DEFLATOR INV BUS NONRES CONST - NATIONAL ACCOUNTS	1971=1.0	TRANSFORMATION
PFCEGL	194601	- 197601	DEFLATOR INV BUS MACH & EQUIP - NATIONAL ACCOUNTS	1971=1.0	TRANSFORMATION
PFCEGL	194601	- 197601	DEFLATOR INV CONSTRUCTION INDST - BLDG & ENG CONST	1971=1.0	TRANSFORMATION
PFCEGL	194601	- 197601	DEFLATOR INV CONSTRUCTION INDST - MACH & EQUIP	1971=1.0	TRANSFORMATION
PFCEGL	194601	- 197601	DEFLATOR INV COMMUNICATIONS INDST - BLDG & ENG CONST	1971=1.0	TRANSFORMATION
PFCEGL	194601	- 197601	DEFLATOR INV COMMUNICATIONS INDST - MACH & EQUIP	1971=1.0	TRANSFORMATION
PFCEGL	194601	- 197601	DEFLATOR INV FIN INS & REAL ESTATE INDST - BLDG & ENG CONST	1971=1.0	TRANSFORMATION
PFCEGL	194601	- 197601	DEFLATOR INV FIN INS & REAL ESTATE INDST - MACH & EQUIP	1971=1.0	TRANSFORMATION
PFCEGL	194601	- 197601	DEFLATOR INV FORESTRY INDST - BLDG & ENG CONST	1971=1.0	TRANSFORMATION
PFCEGL	194601	- 197601	DEFLATOR INV FORESTRY INDST - MACH & EQUIP	1971=1.0	TRANSFORMATION
PFCEGL	194601	- 197601	DEFLATOR INV BUS NONRES CONST - CONSTRUCTION DIVISION	1971=1.0	TRANSFORMATION
PFCEGL	194601	- 197601	DEFLATOR INV MANUF DUR TOTAL - BLDG & ENG CONST	1971=1.0	TRANSFORMATION
PFCEGL	194601	- 197601	DEFLATOR INV MANUF DUR TOTAL - BLDG & ENG CONST	1971=1.0	TRANSFORMATION
PFCEGL	194601	- 197601	DEFLATOR INV WOOD INDST - BLDG & ENG CONST	1971=1.0	TRANSFORMATION
PFCEGL	194701	- 197601	DEFLATOR INV IRON & STEEL INDST - BLDG CONST	1971=1.0	TRANSFORMATION
PFCEGL	194601	- 197601	DEFLATOR INV PRIMARY METAL INDST - BLDG & ENG CONST	1971=1.0	TRANSFORMATION
PFCEGL	194701	- 197601	DEFLATOR INV NONFERROUS METALS - BLDG & ENG CONST	1971=1.0	TRANSFORMATION
PFCEGL	194601	- 197601	DEFLATOR INV METAL FAB INDST - BLDG & ENG CONST	1971=1.0	TRANSFORMATION
PFCEGL	194601	- 197601	DEFLATOR INV MACH (EXCL ELEC MACH) INDST - BLDG & ENG CONST	1971=1.0	TRANSFORMATION
PFCEGL	194601	- 197601	DEFLATOR INV TRANSPORT INDST - BLDG & ENG CONST	1971=1.0	TRANSFORMATION
PFCEGL	194701	- 197601	DEFLATOR INV NON AUTO TRANSPORT EQUIP - BLDG & ENG CONST	1971=1.0	TRANSFORMATION
PFCEGL	194701	- 197601	DEFLATOR INV MOTOR VEHICLE INDST (EX PRTSEACC) - BLDG & ENG CONST	1971=1.0	TRANSFORMATION
PFCEGL	194701	- 197601	DEFLATOR INV MOTOR VEHICLE PARTS & ACC INDST - BLDG & ENG CONST	1971=1.0	TRANSFORMATION
PFCEGL	194601	- 197601	DEFLATOR INV ELECTRICAL PROD INDST - BLDG & ENG CONST	1971=1.0	TRANSFORMATION
PFCEGL	194601	- 197601	DEFLATOR INV NON METAL MIN PROD INDST - BLDG & ENG CONST	1971=1.0	TRANSFORMATION
PFCEGL	194601	- 197601	DEFLATOR INV NON METAL DUR TOTAL - MACH & EQUIP	1971=1.0	TRANSFORMATION
PFCEGL	194601	- 197601	DEFLATOR INV WOOD INDST - MACH & EQUIP & CICE	1971=1.0	TRANSFORMATION
PFCEGL	194601	- 197601	DEFLATOR INV FURN & FIXT INDST - MACH & EQUIP & CICE	1971=1.0	TRANSFORMATION
PFCEGL	194701	- 197601	DEFLATOR INV IRON & STEEL INDST - MACH & EQUIP & CICE	1971=1.0	TRANSFORMATION
PFCEGL	194601	- 197601	DEFLATOR INV PRIMARY METAL INDST - MACH & EQUIP & CICE	1971=1.0	TRANSFORMATION
PFCEGL	194701	- 197601	DEFLATOR INV NONFERROUS METALS - MACH & EQUIP	1971=1.0	TRANSFORMATION
PFCEGL	194601	- 197601	DEFLATOR INV METAL FAB INDST - MACH & EQUIP & CICE	1971=1.0	TRANSFORMATION
PFCEGL	194601	- 197601	DEFLATOR INV MACH (EXCL ELEC MACH) INDST - MACH & EQUIP & CICE	1971=1.0	TRANSFORMATION

VARIABLE	FROM	TO	DESCRIPTION	SOURCE	UNITS
PF1FMDM321.9	194601	- 197601	INV DEFLECTOR	INV TRANSPORT EQUIP	INDST - MACH & EQUIP & C1CDE
PF1FMDM321.4	194701	- 197601	DEFLECTOR	INV NON AUTO TRANSPORT EQUIP	- MACH & EQUIP & C1CDE
PF1FMDM321.4	194701	- 197601	DEFLECTOR	INV MOT VEH INDST (EX PARTSEACC)	- MACH & EQUIP & C1CDE
PF1FMDM323.4	194701	- 197601	DEFLECTOR	INV MOT VEH INDST (IN PARTSEACC)	- MACH & EQUIP & C1CDE
PF1FMDM325.9	194601	- 197601	DEFLECTOR	INV ELECTRICAL PROD INDST	- MACH & EQUIP & C1CDE
PF1FMDM331.9	194601	- 197601	DEFLECTOR	INV NON METAL MIN PROD INDST	- MACH & EQUIP & C1CDE
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INV MANUF TOTAL	- MACH & EQUIP & C1CDE
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INV MANUF NONDUR TOTAL	- BLDG & ENG CONST
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INV FOOD & BEV INDST	- BLDG & ENG CONST
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INV TOBACCO PROD INDST	- BLDG & ENG CONST
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INV RUBBER & PLASTIC PROD INDST	- BLDG & ENG CONST
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INV TEXTILE INDST	- BLDG & ENG CONST
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INV LEATHER INDST	- BLDG & ENG CONST
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INV KNITTING & CLOTHING INDST	- BLDG CONST
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INV PAPER & ALLIED INDST	- BLDG & ENG CONST
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INV PRINT, PUB & ALLIED INDST	- BLDG & ENG CONST
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INV PET & CHEM PROD INDST	- BLDG & ENG CONST
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INV CHEM & CHEM PROD INDST	- MACH & EQUIP & C1CDE
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INV MISC MANUF INDST	- BLDG & ENG CONST
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INV MANUF NONDUR TOTAL	- MACH & EQUIP & C1CDE
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INV FOOD & BEV INDST	- MACH & EQUIP & C1CDE
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INV TOBACCO PROD INDST	- MACH & EQUIP & C1CDE
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INV RUB & PLAST PROD INDST	- MACH & EQUIP & C1CDE
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INV LEATHER INDST	- MACH & EQUIP & C1CDE
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INV KNITTING & CLOTHING INDST	- MACH & EQUIP & C1CDE
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INV PAPER & ALLIED INDST	- MACH & EQUIP & C1CDE
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INV PRINT, PUB & ALLIED INDST	- MACH & EQUIP & C1CDE
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INV PET & CHEM PROD INDST	- MACH & EQUIP & C1CDE
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INV CHEM & CHEM PROD INDST	- MACH & EQUIP & C1CDE
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INV MISC MANUF INDST	- MACH & EQUIP & C1CDE
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INV MINING TOTAL	- BLDG & ENG CONST
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INV COAL MIN	- BLDG & ENG CONST
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INV COAL MIN	- MACH & EQUIP & C1CDE
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INV MINING TOTAL	- MACH & EQUIP & C1CDE
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INV METAL MINING INDST	- BLDG & ENG CONST
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INV METAL MINING INDST	- MACH & EQUIP & C1CDE
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INV NON METAL MIN (EX COAL)	- BLDG & ENG CONST
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INV NON METAL MIN (EX COAL)	- MACH & EQUIP & C1CDE
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INV CRD PET NATL GASES SERV INC TO MIN IND	- B & C CONST
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INV CRD PET NATL GASES SERV INC TO MIN IND	- MACH & EQUIP & C1CDE
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INVENTORY - TOTAL ECONOMY	
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INVENTORY - AGRICULTURE	
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INVENTORY - FINISHED GOODS TOTAL	
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INVENTORY - GOVERNMENT	
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INVENTORY - NON AGRICULTURE	
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INVENTORY - REVALUER	
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INVENTORY - RAW MATERIALS TOTAL	
PF1FMDM351.9	194601	- 197601	DEFLECTOR	INV COMMERCIAL SVCS INDST	- BLDG CONST

VARIABLE	FROM	TO	DESCRIPTION	UNITS	SOURCE
PF35	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY CNP20	1971=1.0	PRICE CONVERSION
PF36	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY CSP30	1971=1.0	PRICE CONVERSION
PF37	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY CSP40	1971=1.0	PRICE CONVERSION
PF38	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY CSP50	1971=1.0	PRICE CONVERSION
PF39	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY CSP60	1971=1.0	PRICE CONVERSION
PF40	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY CSA10	1971=1.0	PRICE CONVERSION
PF41	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY IASTM	1971=1.0	PRICE CONVERSION
PF42	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY IASTM31.9	1971=1.0	PRICE CONVERSION
PF43	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY INIM	1971=1.0	PRICE CONVERSION
PF44	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY INFNDM101.9	1971=1.0	PRICE CONVERSION
PF45	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY INFNDM151.3	1971=1.0	PRICE CONVERSION
PF46	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY INFNDM162.5	1971=1.0	PRICE CONVERSION
PF47	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY INFNDM172.9	1971=1.0	PRICE CONVERSION
PF48	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY INFNDM181.9	1971=1.0	PRICE CONVERSION
PF49	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY INFNDM231.4.9	1971=1.0	PRICE CONVERSION
PF50	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY INFNDM251.9	1971=1.0	PRICE CONVERSION
PF51	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY INFNDM261.8	1971=1.0	PRICE CONVERSION
PF52	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY INFNDM271.4	1971=1.0	PRICE CONVERSION
PF53	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY INFNDM286.9	1971=1.0	PRICE CONVERSION
PF54	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY INFNDM291.8	1971=1.0	PRICE CONVERSION
PF55	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY INFNDM301.9	1971=1.0	PRICE CONVERSION
PF56	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY INFNDM311.8	1971=1.0	PRICE CONVERSION
PF57	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY INFNDM321.9	1971=1.0	PRICE CONVERSION
PF58	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY INFNDM331.9	1971=1.0	PRICE CONVERSION
PF59	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY INFNDM351.9	1971=1.0	PRICE CONVERSION
PF60	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY INFNDM365.9	1971=1.0	PRICE CONVERSION
PF61	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY INFNDM372.9	1971=1.0	PRICE CONVERSION
PF62	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY INFNDM391.9	1971=1.0	PRICE CONVERSION
PF63	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY ICNTH	1971=1.0	PRICE CONVERSION
PF64	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY ICLTH572.9	1971=1.0	PRICE CONVERSION
PF65	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY ITPSP501.27	1971=1.0	PRICE CONVERSION
PF66	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY ICDMM543.8	1971=1.0	PRICE CONVERSION
PF67	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY ITRADH602.99	1971=1.0	PRICE CONVERSION
PF68	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY IFIREH701.37	1971=1.0	PRICE CONVERSION
PF69	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY IMESV.10	1971=1.0	PRICE CONVERSION
PF70	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY ISVHGDH806	1971=1.0	PRICE CONVERSION
PF71	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY ISUA	1971=1.0	PRICE CONVERSION
PF72	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY GE.INV.ME	1971=1.0	PRICE CONVERSION
PF73	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY IMIC	1971=1.0	PRICE CONVERSION
PF74	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY IREC.10	1971=1.0	PRICE CONVERSION
PF75	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY ICD.10	1971=1.0	PRICE CONVERSION
PF76	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY .INVRH	1971=1.0	PRICE CONVERSION
PF77	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY .INVEG	1971=1.0	PRICE CONVERSION
PF78	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY GEH.ID.VA	1971=1.0	PRICE CONVERSION
PF78+8.0+4	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY PFGEF.CGS.NDMS	1971=1.0	TRANSFORMATION
PF78+8.0+6+8	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY PFGEF.CGS.CCA	1971=1.0	TRANSFORMATION
PF78+8.0+8	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY PFGEF.CGS.WS	1971=1.0	PRICE CONVERSION
PF79	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY GEH.ID.OTH	1971=1.0	TRANSFORMATION
PF75+8.1+5+7+9	195601 - 197401		PSEUDO PRICE FOR FINAL DEMAND CATEGORY PFGE.OTH	1971=1.0	TRANSFORMATION

VARIABLE	FROM	TO	DESCRIPTION	UNITS	SOURCE
PF80	195601	197401	PSEUDO PRICE FOR FINAL DEMAND CATEGORY GEE-10-VA	1971-1.0	PRICE CONVERSION
PF81	195601	197401	PSEUDO PRICE FOR FINAL DEMAND CATEGORY GEE-10-OTH	1971-1.0	PRICE CONVERSION
PF82	195601	197401	PSEUDO PRICE FOR FINAL DEMAND CATEGORY GEF-10-DVA	1971-1.0	PRICE CONVERSION
PF83	195601	197401	PSEUDO PRICE FOR FINAL DEMAND CATEGORY GEF-10-DOTH	1971-1.0	PRICE CONVERSION
PF84	195601	197401	PSEUDO PRICE FOR FINAL DEMAND CATEGORY GEF-10-NDVA	1971-1.0	PRICE CONVERSION
PF85	195601	197401	PSEUDO PRICE FOR FINAL DEMAND CATEGORY GEF-10-NDOH	1971-1.0	PRICE CONVERSION
PF86	195601	197401	PSEUDO PRICE FOR FINAL DEMAND CATEGORY GEL-10-VA	1971-1.0	PRICE CONVERSION
PF87	195601	197401	PSEUDO PRICE FOR FINAL DEMAND CATEGORY GEL-10-OTH	1971-1.0	PRICE CONVERSION
PF88	195601	197401	PSEUDO PRICE FOR FINAL DEMAND CATEGORY GEP-10-VA	1971-1.0	PRICE CONVERSION
PF89	195601	197401	PSEUDO PRICE FOR FINAL DEMAND CATEGORY GEP-10-OTH	1971-1.0	PRICE CONVERSION
PTE-CA-AGRW	195001	197501	EXPORT PRICE - AGRICULTURAL COMMODITIES - WORLD	1971-1.0	PRICE CONVERSION
PTE-CA-ALC+TBN	195001	197501	EXPORT PRICE - ALCOHOL & TOBACCO - WORLD	1971-1.0	PRICE CONVERSION
PTE-CA-CHEMPRW	195001	197501	EXPORT PRICE - CHEMICALS & PROD - WORLD	1971-1.0	PRICE CONVERSION
PTE-CA-COALW	195001	197501	EXPORT PRICE - COAL - WORLD	1971-1.0	PRICE CONVERSION
PTE-CA-ELCMEW	195001	197501	EXPORT PRICE - ELECTRICAL MACH & EQUIP - WORLD	1971-1.0	PRICE CONVERSION
PTE-CA-ELPDW	195001	197501	EXPORT PRICE - ELECTRIC POWER - WORLD	1971-1.0	PRICE CONVERSION
PTE-CA-FBMTLW	195001	197501	EXPORT PRICE - FABRICATED METAL PROD - WORLD	1971-1.0	PRICE CONVERSION
PTE-CA-FDPBW	195001	197501	EXPORT PRICE - FOOD PROD - WORLD	1971-1.0	PRICE CONVERSION
PTE-CA-FDOWW	195001	197501	EXPORT PRICE - FOOD & BEVERAGES - WORLD	1971-1.0	PRICE CONVERSION
PTE-CA-FRSHW	195001	197501	EXPORT PRICE - FREIGHT & SHIPPING - WORLD	1971-1.0	PRICE CONVERSION
PTE-CA-FRSTW	195001	197501	EXPORT PRICE - FORESTRY - WORLD	1971-1.0	PRICE CONVERSION
PTE-CA-FUPTW	195001	197501	EXPORT PRICE - PETROLEUM & COAL PROD - WORLD	1971-1.0	PRICE CONVERSION
PTE-CA-FURBW	195001	197501	EXPORT PRICE - FURNITURE - WORLD	1971-1.0	PRICE CONVERSION
PTE-CA-G+SW	194601	197601	EXPORT PRICE - GOODS & SERVICES - WORLD	1971-1.0	PRICE CONVERSION
PTE-CA-G+SW	195001	197501	EXPORT PRICE - GRAINS - WORLD	1971-1.0	PRICE CONVERSION
PTE-CA-G+SW	195001	197501	EXPORT PRICE - TOTAL GOODS - WORLD	1971-1.0	PRICE CONVERSION
PTE-CA-GW	195001	197501	EXPORT PRICE - INCOME RECEIPTS - WORLD	1971-1.0	PRICE CONVERSION
PTE-CA-IRMCW	195001	197501	EXPORT PRICE - IRON & STEEL PROD - WORLD	1971-1.0	PRICE CONVERSION
PTE-CA-IRASW	195001	197501	EXPORT PRICE - MACHINERY & EQUIP - WORLD	1971-1.0	PRICE CONVERSION
PTE-CA-M+EW	195001	197501	EXPORT PRICE - AGRICULTURAL MACHINERY - WORLD	1971-1.0	PRICE CONVERSION
PTE-CA-M+EW	195001	197501	EXPORT PRICE - MANUFACTURED NONFERROUS - WORLD	1971-1.0	PRICE CONVERSION
PTE-CA-MFRMW	195001	197501	EXPORT PRICE - MANUFACTURED PROD - WORLD	1971-1.0	PRICE CONVERSION
PTE-CA-MINEM	195001	197501	EXPORT PRICE - MINING - WORLD	1971-1.0	PRICE CONVERSION
PTE-CA-MSHRW	195001	197501	EXPORT PRICE - MISC MANUFACTURED PROD - WORLD	1971-1.0	PRICE CONVERSION
PTE-CA-MTVHW	195001	197501	EXPORT PRICE - MOTOR VEHICLES - WORLD	1971-1.0	PRICE CONVERSION
PTE-CA-MTVPTW	195001	197501	EXPORT PRICE - MOTOR VEHICLE PARTS - WORLD	1971-1.0	PRICE CONVERSION
PTE-CA-NELMEW	195001	197501	EXPORT PRICE - NONELECTRIC MACH & EQUIP - WORLD	1971-1.0	PRICE CONVERSION
PTE-CA-NGASW	195001	197501	EXPORT PRICE - NATURAL GAS - WORLD	1971-1.0	PRICE CONVERSION
PTE-CA-NMETHW	195001	197501	EXPORT PRICE - NONMETALLIC MINERALS - WORLD	1971-1.0	PRICE CONVERSION
PTE-CA-NMETHW	195001	197501	EXPORT PRICE - NONMETALLIC MINERAL PROD - WORLD	1971-1.0	PRICE CONVERSION
PTE-CA-NDRFTW	195001	197501	EXPORT PRICE - NONFERROUS METALS - WORLD	1971-1.0	PRICE CONVERSION
PTE-CA-NPAPW	195001	197501	EXPORT PRICE - NEWSPRINT - WORLD	1971-1.0	PRICE CONVERSION
PTE-CA-OPAPW	195001	197501	EXPORT PRICE - OTHER PAPER & PROD - WORLD	1971-1.0	PRICE CONVERSION
PTE-CA-OSERVW	195001	197501	EXPORT PRICE - OTHER SERVICE RECEIPTS - WORLD	1971-1.0	PRICE CONVERSION
PTE-CA-OTHFMW	195001	197501	EXPORT PRICE - OTHER AGRICULTURAL - WORLD	1971-1.0	PRICE CONVERSION
PTE-CA-OTHMTW	195001	197501	EXPORT PRICE - OTHER METALS - WORLD	1971-1.0	PRICE CONVERSION
PTE-CA-PAPERW	195001	197501	EXPORT PRICE - PAPER & ALLIED PROD - WORLD	1971-1.0	PRICE CONVERSION
PTE-CA-PETOW	195001	197501	EXPORT PRICE - CRUDE PETROLEUM - WORLD	1971-1.0	PRICE CONVERSION
PTE-CA-PULPW	195001	197501	EXPORT PRICE - PULP - WORLD	1971-1.0	PRICE CONVERSION

VARIABLE	FROM	TO	DESCRIPTION	UNITS	SOURCE
PTE-CA-RBLTHCLW	195001	197501	EXPORT PRICE - RUBBER, LEATHER & CLOTHING GOODS - WORLD	1971=1.0 CA\$	TRANSFORMATION
PTE-CA-RETRM	195001	197501	EXPORT PRICE - RESIDUAL TRANSPORT EQUIP - WORLD	1971=1.0 CA\$	DRVD USMPI
PTE-CA-SH	195001	197501	EXPORT PRICE - SERVICE RECEIPTS - WORLD	1971=1.0 CA\$	TRANSFORMATION
PTE-CA-TEXTM	195001	197501	EXPORT PRICE - TEXTILE MATERIALS - WORLD	1971=1.0 CA\$	TRADE OF CDA
PTE-CA-TPTM	195001	197501	EXPORT PRICE - TRANSPORT EQUIPMENT - WORLD	1971=1.0 CA\$	TRANSFORMATION
PTE-CA-TRVLW	195001	197501	EXPORT PRICE - TRAVEL RECEIPTS - WORLD	1971=1.0 CA\$	NATIONAL ACCTS
PTE-CA-URAMW	195001	197501	EXPORT PRICE - URANIUM - WORLD	1971=1.0 CA\$	ESTIMATE
PTE-CA-WOLW	195001	197501	EXPORT PRICE - WOOD & LUMBER - WORLD	1971=1.0 CA\$	TRADE OF CDA
PTE-US-ALC+TBW	195001	197501	EXPORT PRICE - ALCOHOLIC BEVERAGES & TOBACCO - WORLD	1971 US\$*EXR=1.0	TRANSFORMATION
PTE-US-CHEMPM	195001	197501	EXPORT PRICE - CHEMICALS & PROD - WORLD	1971 US\$*EXR=1.0	TRANSFORMATION
PTE-US-COALM	195001	197501	EXPORT PRICE - COAL - WORLD	1971 US\$*EXR=1.0	TRANSFORMATION
PTE-US-ELCEM	195001	197501	EXPORT PRICE - ELECTRICAL MACHINERY & EQUIP - WORLD	1971 US\$*EXR=1.0	TRANSFORMATION
PTE-US-ELFDM	195001	197501	EXPORT PRICE - ELECTRIC POWER - WORLD	1971 US\$*EXR=1.0	TRANSFORMATION
PTE-US-FBLTM	195001	197501	EXPORT PRICE - FABRICATED METAL PROD - WORLD	1971 US\$*EXR=1.0	TRANSFORMATION
PTE-US-FDPRM	195001	197501	EXPORT PRICE - FOOD PROD - WORLD	1971 US\$*EXR=1.0	TRANSFORMATION
PTE-US-FRSHM	195001	197501	EXPORT PRICE - FREIGHT & SHIPPING - WORLD	1971 US\$*EXR=1.0	TRANSFORMATION
PTE-US-FRSTRYM	195001	197501	EXPORT PRICE - FORESTRY - WORLD	1971 US\$*EXR=1.0	TRANSFORMATION
PTE-US-FUPM	195001	197501	EXPORT PRICE - FURNITURE - WORLD	1971 US\$*EXR=1.0	TRANSFORMATION
PTE-US-FURM	195001	197501	EXPORT PRICE - GRAINS - WORLD	1971 US\$*EXR=1.0	TRANSFORMATION
PTE-US-GRNSM	195001	197501	EXPORT PRICE - INCOME RECEIPTS - WORLD	1971 US\$*EXR=1.0	TRANSFORMATION
PTE-US-IRCM	195001	197501	EXPORT PRICE - IRON & STEEL PROD - WORLD	1971 US\$*EXR=1.0	TRANSFORMATION
PTE-US-IRASH	195001	197501	EXPORT PRICE - AGRICULTURAL MACHINERY - WORLD	1971 US\$*EXR=1.0	TRANSFORMATION
PTE-US-MAFAM	195001	197501	EXPORT PRICE - MISC MANUFACTURE PROD - WORLD	1971 US\$*EXR=1.0	TRANSFORMATION
PTE-US-MSHFRM	195001	197501	EXPORT PRICE - MOTOR VEHICLE PROD - WORLD	1971 US\$*EXR=1.0	TRANSFORMATION
PTE-US-MTPTM	195001	197501	EXPORT PRICE - MOTOR VEHICLE PARTS - WORLD	1971 US\$*EXR=1.0	TRANSFORMATION
PTE-US-MELHEM	195001	197501	EXPORT PRICE - NONELECTRIC MACH & EQUIP - WORLD	1971 US\$*EXR=1.0	TRANSFORMATION
PTE-US-MGASH	195001	197501	EXPORT PRICE - NATURAL GAS - WORLD	1971 US\$*EXR=1.0	TRANSFORMATION
PTE-US-MWETHM	195001	197501	EXPORT PRICE - NONMETALLIC MINERALS - WORLD	1971 US\$*EXR=1.0	TRANSFORMATION
PTE-US-MNTMPM	195001	197501	EXPORT PRICE - NONMETALLIC MINERAL PROD - WORLD	1971 US\$*EXR=1.0	TRANSFORMATION
PTE-US-MORFM	195001	197501	EXPORT PRICE - NONFERROUS METALS - WORLD	1971 US\$*EXR=1.0	TRANSFORMATION
PTE-US-MPRM	195001	197501	EXPORT PRICE - MENSWEAR - WORLD	1971 US\$*EXR=1.0	TRANSFORMATION
PTE-US-OPAPM	195001	197501	EXPORT PRICE - OTHER PAPER & PROD - WORLD	1971 US\$*EXR=1.0	TRANSFORMATION
PTE-US-OPSRV	195001	197501	EXPORT PRICE - OTHER SERVICE RECEIPTS - WORLD	1971 US\$*EXR=1.0	TRANSFORMATION
PTE-US-OTHFHM	195001	197501	EXPORT PRICE - OTHER AGRICULTURAL - WORLD	1971 US\$*EXR=1.0	TRANSFORMATION
PTE-US-OTHMTLM	195001	197501	EXPORT PRICE - OTHER METALS - WORLD	1971 US\$*EXR=1.0	TRANSFORMATION
PTE-US-PEDEM	195001	197501	EXPORT PRICE - CRUDE PETROLEUM - WORLD	1971 US\$*EXR=1.0	TRANSFORMATION
PTE-US-PULPM	195001	197501	EXPORT PRICE - PULP - WORLD	1971 US\$*EXR=1.0	TRANSFORMATION
PTE-US-RBLTHCLW	195001	197501	EXPORT PRICE - RUBBER, LEATHER & CLOTHING GOODS - WORLD	1971 US\$*EXR=1.0	TRANSFORMATION
PTE-US-RTRM	195001	197501	EXPORT PRICE - RESIDUAL TRANSPORT EQUIP - WORLD	1971 US\$*EXR=1.0	TRANSFORMATION
PTE-US-TEXTM	195001	197501	EXPORT PRICE - TEXTILES - WORLD	1971 US\$*EXR=1.0	TRANSFORMATION
PTE-US-TRVLW	195001	197501	EXPORT PRICE - TRAVEL RECEIPTS - WORLD	1971 US\$*EXR=1.0	TRANSFORMATION
PTE-US-URAMW	195001	197501	EXPORT PRICE - URANIUM - WORLD	1971 US\$*EXR=1.0	TRANSFORMATION
PTE-US-WOLW	195001	197501	EXPORT PRICE - WOOD & LUMBER - WORLD	1971 US\$*EXR=1.0	TRANSFORMATION
PTM-CA-AGRESM	195001	197501	IMPORT PRICE - RESIDUAL AGRICULTURAL PRODUCTS - WORLD	1971=1.0 CA\$	TRANSFORMATION
PTM-CA-AGRM	195001	197501	IMPORT PRICE - AGRICULTURAL - WORLD	1971=1.0 CA\$	TRADE OF CDA
PTM-CA-ALBWM	195001	197601	IMPORT PRICE - ALCOHOLIC BEVERAGES - WORLD	1971=1.0 CA\$	DRVD USMPI
PTM-CA-APHM	195001	197601	IMPORT PRICE - APPAREL & HOUSEHOLD GOODS - WORLD	1971=1.0 CA\$	DRVD TRD OF CDA
PTM-CA-BZHAM	195001	197601	IMPORT PRICE - BUSINESS MACHINERY	1971=1.0 CA\$	

VARIABLE	FROM	TC	IMPORT PRICE	DESCRIPTION	UNITS	SOURCE
PTM.CA.CHEMW	195001	197501	IMPORT PRICE	CHEMICALS - WORLD	1971=1.0 CA\$	TRANSFORMATION
PTM.CA.CDALM	195001	197601	IMPORT PRICE	COAL - WORLD	1971=1.0 CA\$	DRVD TOC USMPI
PTM.CA.CRUDEN	195001	197501	IMPORT PRICE	CRUDE MATERIALS, INEDIBLE - WORLD	1971=1.0 CA\$	TRANSFORMATION
PTM.CA.DAMEN	195001	197501	IMPORT PRICE	DAIRY MEAT FISH PROD - WORLD	1971=1.0 CA\$	TRANSFORMATION
PTM.CA.FCSHM	195001	197601	IMPORT PRICE	FREIGHT AND SHIPPING - WORLD	1971=1.0 CA\$	NATIONAL ACCTS
PTM.CA.FCSHM	195001	197601	IMPORT PRICE	FUEL PROD - WORLD	1971=1.0 CA\$	DRVD TRD OF CDA
PTM.CA.FUPM	195001	197501	IMPORT PRICE	FRUITS & VEGETABLES - WORLD	1971=1.0 CA\$	TRANSFORMATION
PTM.CA.GFVEN	195001	197601	IMPORT PRICE	GOODS & SERVICES (NA BASTS) - WORLD	1971=1.0 CA\$	NATIONAL ACCTS
PTM.CA.GFVEN	195001	197601	IMPORT PRICE	MERCHANDISE GOODS - WORLD	1971=1.0 CA\$	TRADE OF CDA
PTM.CA.GW	195001	197601	IMPORT PRICE	INDUSTRIAL MACHINERY - WORLD	1971=1.0 CA\$	DRVD TRD OF CDA
PTM.CA.IHMAW	195001	197601	IMPORT PRICE	INCOME PAYMENTS - WORLD	1971=1.0 CA\$	NATIONAL ACCTS
PTM.CA.IHMAW	195001	197601	IMPORT PRICE	IRON & STEEL - WORLD	1971=1.0 CA\$	DRVD TRD OF CDA
PTM.CA.IHMAW	195001	197601	IMPORT PRICE	MACHINERY - WORLD	1971=1.0 CA\$	TRANSFORMATION
PTM.CA.IHMAW	195001	197601	IMPORT PRICE	AGRICULTURAL MACHINERY - WORLD	1971=1.0 CA\$	DRVD TRD OF CDA
PTM.CA.IHMAW	195001	197601	IMPORT PRICE	MISC MANUFACTURED GOODS	1971=1.0 CA\$	USMPI TOC
PTM.CA.IHMAW	195001	197601	IMPORT PRICE	MISC PROCESSED PROD - WORLD	1971=1.0 CA\$	TRANSFORMATION
PTM.CA.IHMAW	195001	197601	IMPORT PRICE	METALS - WORLD	1971=1.0 CA\$	DRVD USMPI
PTM.CA.IHMAW	195001	197601	IMPORT PRICE	HIGHLY MFRD. GOODS - WORLD	1971=1.0 CA\$	TRANSFORMATION
PTM.CA.IHMAW	195001	197601	IMPORT PRICE	MISC PERSONAL & HOUSEHOLD EQUIP - WORLD	1971=1.0 CA\$	DRVD US MPI
PTM.CA.IHMAW	195001	197601	IMPORT PRICE	MOTOR VEHICLES - WORLD	1971=1.0 CA\$	TRANSFORMATION
PTM.CA.IHMAW	195001	197601	IMPORT PRICE	NONFERROUS METALS - WORLD	1971=1.0 CA\$	TOC USMPI
PTM.CA.IHMAW	195001	197601	IMPORT PRICE	NONCOMPETITIVE GOODS - WORLD	1971=1.0 CA\$	DRVD TOC USMPI
PTM.CA.IHMAW	195001	197601	IMPORT PRICE	OTHER CR. MATERIALS - WORLD	1971=1.0 CA\$	TRANSFORMATION
PTM.CA.IHMAW	195001	197601	IMPORT PRICE	OTHER SERVICE PAYMENTS - WORLD	1971=1.0 CA\$	NATIONAL ACCTS
PTM.CA.IHMAW	195001	197601	IMPORT PRICE	CRUDE PETROLEUM - WORLD	1971=1.0 CA\$	DRVD TRD OF CDA
PTM.CA.IHMAW	195001	197601	IMPORT PRICE	PROCESSED MATERIALS - WORLD	1971=1.0 CA\$	TRANSFORMATION
PTM.CA.IHMAW	195001	197601	IMPORT PRICE	RESIDUAL TRANSPORT EQUIP - WORLD	1971=1.0 CA\$	DRVD US MPI
PTM.CA.IHMAW	195001	197601	IMPORT PRICE	SERVICE PAYMENTS - WORLD	1971=1.0 CA\$	TRANSFORMATION
PTM.CA.IHMAW	195001	197601	IMPORT PRICE	COMMUNICATIONS EQUIP - WORLD	1971=1.0 CA\$	DRVD TRD OF CDA
PTM.CA.IHMAW	195001	197601	IMPORT PRICE	TEXTILES AND PATTERIALS - WORLD	1971=1.0 CA\$	TRANSFORMATION
PTM.CA.IHMAW	195001	197601	IMPORT PRICE	TRANSPORT EQUIPMENT - WORLD	1971=1.0 CA\$	NATIONAL ACCTS
PTM.CA.IHMAW	195001	197601	IMPORT PRICE	TRAVEL PAYMENTS - WORLD	1971=1.0 CA\$	DRVD TRD OF CDA
PTM.CA.IHMAW	195001	197601	IMPORT PRICE	WOOD PROD - WORLD	1971=1.0 CA\$	TRANSFORMATION
PTM.CA.IHMAW	195001	197601	IMPORT PRICE	RESIDUAL AGRICULTURAL PRODUCTS - WORLD	1971=1.0 CA\$	DRVD TRD OF CDA
PTM.CA.IHMAW	195001	197601	IMPORT PRICE	ALCOHOLIC BEVERAGES - WORLD	1971=1.0 CA\$	TRANSFORMATION
PTM.CA.IHMAW	195001	197601	IMPORT PRICE	APPAREL & HOUSEHOLD GOODS - WORLD	1971=1.0 CA\$	TRANSFORMATION
PTM.CA.IHMAW	195001	197601	IMPORT PRICE	BUSINESS MACHINERY	1971=1.0 CA\$	TRANSFORMATION
PTM.CA.IHMAW	195001	197601	IMPORT PRICE	CHEMICALS - WORLD	1971=1.0 CA\$	TRANSFORMATION
PTM.CA.IHMAW	195001	197601	IMPORT PRICE	COAL - WORLD	1971=1.0 CA\$	TRANSFORMATION
PTM.CA.IHMAW	195001	197601	IMPORT PRICE	DAIRY MEAT FISH PROD - WORLD	1971=1.0 CA\$	TRANSFORMATION
PTM.CA.IHMAW	195001	197601	IMPORT PRICE	FREIGHT & SHIPPING - WORLD	1971=1.0 CA\$	TRANSFORMATION
PTM.CA.IHMAW	195001	197601	IMPORT PRICE	FUEL PROD - WORLD	1971=1.0 CA\$	TRANSFORMATION
PTM.CA.IHMAW	195001	197601	IMPORT PRICE	FRUITS & VEGETABLES - WORLD	1971=1.0 CA\$	TRANSFORMATION
PTM.CA.IHMAW	195001	197601	IMPORT PRICE	INDUSTRIAL MACHINERY - WORLD	1971=1.0 CA\$	TRANSFORMATION
PTM.CA.IHMAW	195001	197601	IMPORT PRICE	INCOME PAYMENTS - WORLD	1971=1.0 CA\$	TRANSFORMATION
PTM.CA.IHMAW	195001	197601	IMPORT PRICE	IRON & STEEL - WORLD	1971=1.0 CA\$	TRANSFORMATION
PTM.CA.IHMAW	195001	197601	IMPORT PRICE	AGRICULTURAL MACHINERY - WORLD	1971=1.0 CA\$	TRANSFORMATION

VARIABLE	FROM	TC	DESCRIPTION	UNITS	SOURCE
PTM-US-MCHFRB	195001	- 197501	IMPORT PRICE - MISC MANUFACTURED GOODS - WORLD	*71 US\$*EXR=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	IMPORT PRICE - MISC PROCESSED GOODS - WORLD	*71 US\$*EXR=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	IMPORT PRICE - MISC EQUIP & TOOLS - WORLD	*71 US\$*EXR=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	IMPORT PRICE - MISC PERSONAL & HOUSEHOLD EQUIPT	*71 US\$*EXR=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	IMPORT PRICE - MOTOR VEHICLE'S-WORLD	*71 US\$*EXR=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	IMPORT PRICE - MTR.VEHICLE PARTS-WORLD	*71 US\$*EXR=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	IMPORT PRICE - NONFERROUS METALS - WORLD	*71 US\$*EXR=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	IMPORT PRICE - NONCOMPETITIVE GOODS - WORLD	*71 US\$*EXR=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	IMPORT PRICE - OTHER CR. MATERIALS-WORLD	*71 US\$*EXR=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	IMPORT PRICE - OTHER SERVICE PAYMENTS - WORLD	*71 US\$*EXR=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	IMPORT PRICE - CRUDE PETROLEUM - WORLD	*71 US\$*EXR=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	IMPORT PRICE - TRANSPORT EQUIP - WORLD	*71 US\$*EXR=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	IMPORT PRICE - COMMUNICATIONS EQUIP - WORLD	*71 US\$*EXR=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	IMPORT PRICE - TEXTILES & MATERIALS - WORLD	*71 US\$*EXR=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	IMPORT PRICE - TRAVEL PAYMENTS - WORLD	*71 US\$*EXR=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	IMPORT PRICE - WOOD PROD. - WORLD	*71 US\$*EXR=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	SECTOR DEFLECTOR, AGRICULTURE, FISHING AND TRAPPING INDUSTRIES	1971=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	SECTOR DEFLECTOR, CONSTRUCTION INDUSTRIES	1971=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	SECTOR DEFLECTOR, COMMUNICATION INDUSTRIES	1971=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	DUMMY VARIABLE - SECTOR DEFLECTOR, RDP BLOCK	10**0	ECC
PTM-US-MCHFRB	195001	- 197501	DUMMY VARIABLE - SECTOR DEFLECTOR, RDP BLOCK	10**0	ECC
PTM-US-MCHFRB	195001	- 197501	DUMMY VARIABLE - SECTOR DEFLECTOR, RDP BLOCK	10**0	ECC
PTM-US-MCHFRB	195001	- 197501	DUMMY VARIABLE - SECTOR DEFLECTOR, RDP BLOCK	10**0	ECC
PTM-US-MCHFRB	195001	- 197501	DUMMY VARIABLE - SECTOR DEFLECTOR, RDP BLOCK	10**0	ECC
PTM-US-MCHFRB	195001	- 197501	SECTOR DEFLECTOR, FINANCE, INSURANCE AND REAL ESTATE INDUSTRIES	1971=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	SECTOR DEFLECTOR, FORESTRY INDUSTRIES	1971=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	SECTOR DEFLECTOR, HOSPITALS	1971=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	SECTOR DEFLECTOR, PUBLIC ADMINISTRATION, FEDERAL DEFENCE	1971=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	SECTOR DEFLECTOR, PUBLIC ADMINISTRATION, FEDERAL NON DEFENCE	1971=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	SECTOR DEFLECTOR, PUBLIC ADMINISTRATION, FEDERAL TOTAL	1971=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	SECTOR DEFLECTOR, PUBLIC ADMINISTRATION, LOCAL GOVERNMENT	1971=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	SECTOR DEFLECTOR, PUBLIC ADMINISTRATION, PROVINCIAL GOVERNMENT	1971=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	SECTOR DEFLECTOR, PUBLIC ADMINISTRATION, INCLUDING DEFENCE, TOTAL	1971=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	SECTOR DEFLECTOR, PRIMARY, SECONDARY AND NON UNIV POST SEC	1971=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	SECTOR DEFLECTOR, INDIRECT BUSINESS TAXES - COMMODITIES	1971=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	SECTOR DEFLECTOR, INDIRECT BUSINESS TAXES - NONCOMMODITIES	1971=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	SECTOR DEFLECTOR, MANUFACTURING TOTAL	1971=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	SECTOR DEFLECTOR, MANUFACTURING DURABLES, TOTAL	1971=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	SECTOR DEFLECTOR, WOOD INDUSTRIES	1971=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	SECTOR DEFLECTOR, FURNITURE AND FICTURE INDUSTRIES	1971=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	SECTOR DEFLECTOR, IRON AND STEEL INDUSTRIES	1971=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	SECTOR DEFLECTOR, PRIMARY METALS INDUSTRIES	1971=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	SECTOR DEFLECTOR, NON FERROUS METAL INDUSTRIES	1971=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	SECTOR DEFLECTOR, METAL FABRICATING INDUSTRIES	1971=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	SECTOR DEFLECTOR, MACHINERY (EX ELEC MACH) INDUSTRIES	1971=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	SECTOR DEFLECTOR, TRANSPORTATION EQUIPMENT INDUSTRIES	1971=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	SECTOR DEFLECTOR, NON AUTO TRANSPORT EQUIPMENT INDUSTRIES	1971=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	SECTOR DEFLECTOR, MOTOR VEHICLE INDUSTRIES (EX PARTS AND ACC)	1971=1.0	TRANSFORMATION
PTM-US-MCHFRB	195001	- 197501	SECTOR DEFLECTOR, MOTOR VEHICLE PARTS AND ACCESSORIES INDUSTRIES	1971=1.0	TRANSFORMATION

VARIABLE	FROM	TO	DESCRIPTION	UNITS	SOURCE
PXMFDR 331.39	194901	- 197401	SECTOR DEFLECTOR-ELECTRICAL PRODUCTS INDUSTRIES	1971=1.0	TRANSFORMATION
PXMFDR 351.59	194901	- 197401	SECTOR DEFLECTOR-NON METALLIC MINERAL PRODUCTS INDUSTRIES	1971=1.0	TRANSFORMATION
PXMFND 194901	194901	- 197401	SECTOR DEFLECTOR-MANUFACTURING NICHORABLES, TOTAL	1971=1.0	TRANSFORMATION
PXMFND 101.09	194901	- 197401	SECTOR DEFLECTOR-FOOD AND BEVERAGE INDUSTRIES	1971=1.0	TRANSFORMATION
PXMFND 151.53	194901	- 197401	SECTOR DEFLECTOR-TOBACCO PRODUCTS INDUSTRIES	1971=1.0	TRANSFORMATION
PXMFND 162.65	194901	- 197401	SECTOR DEFLECTOR-RUBBER AND PLASTICS PRODUCTS INDUSTRIES	1971=1.0	TRANSFORMATION
PXMFND 172.79	194901	- 197401	SECTOR DEFLECTOR-LEATHER INDUSTRIES	1971=1.0	TRANSFORMATION
PXMFND 181.89	194901	- 197401	SECTOR DEFLECTOR-TEXTILE INDUSTRIES	1971=1.0	TRANSFORMATION
PXMFND 231.49	194901	- 197401	SECTOR DEFLECTOR-KNITTING MILLS AND CLOTHING INDUSTRIES	1971=1.0	TRANSFORMATION
PXMFND 271.76	194901	- 197401	SECTOR DEFLECTOR-PAPER AND ALLIED INDUSTRIES	1971=1.0	TRANSFORMATION
PXMFND 286.89	194901	- 197401	SECTOR DEFLECTOR-PRINTING, PUBLISHING AND ALLIED INDUSTRIES	1971=1.0	TRANSFORMATION
PXMFND 365.69	194901	- 197401	SECTOR DEFLECTOR-PETROLEUM AND COAL PRODUCTS INDUSTRIES	1971=1.0	TRANSFORMATION
PXMFND 372.79	194901	- 197401	SECTOR DEFLECTOR-CHEMICAL AND CHEMICAL PRODUCTS INDUSTRIES	1971=1.0	TRANSFORMATION
PXMFND 391.99	194901	- 197401	SECTOR DEFLECTOR-MISCELLANEOUS MANUFACTURING INDUSTRIES	1971=1.0	TRANSFORMATION
PXMI	194901	- 197401	SECTOR DEFLECTOR-MINING-TOTAL	1971=1.0	TRANSFORMATION
PXMICL 61	194901	- 197401	SECTOR DEFLECTOR-COAL MINING INDUSTRIES	1971=1.0	TRANSFORMATION
PXMICP 84+96.9	194901	- 197401	SECTOR DEFLECTOR-CRO PET, MATL GASESERV. INCID. TO MINING INDUST.	1971=1.0	TRANSFORMATION
PXMIH 51.9	194901	- 197401	SECTOR DEFLECTOR-METAL MINING INDUSTRIES	1971=1.0	TRANSFORMATION
PXMIH 71.87	194901	- 197401	SECTOR DEFLECTOR-NON METAL MINING EXCEPT COAL INDUSTRIES	1971=1.0	TRANSFORMATION
PXP	194901	- 197401	SECTOR DEFLECTOR-REAL DOMESTIC PRODUCT, TOTAL ECONOMY	1971=1.0	TRANSFORMATION
PXPRT 00D	194901	- 197401	SECTOR DEFLECTOR-OWNER OCCUPIED DWELLINGS	1971=1.0	TRANSFORMATION
PXSUB	195601	- 197401	SECTOR DEFLECTOR, SUBSIDIES	1971=1.0	TRANSFORMATION
PXSVCN	194901	- 197401	SECTOR DEFLECTOR, COMMERCIAL SERVICES INDUSTRIES	1971=1.0	TRANSFORMATION
PXSVCN 80.6	194901	- 197401	SECTOR DEFLECTOR, COLLEGE AND UNIVERSITY EDUCATION	1971=1.0	TRANSFORMATION
PXSWNC	194901	- 197401	SECTOR DEFLECTOR, OTHER NONCOMMERCIAL SERVICES INDUSTRIES	1971=1.0	TRANSFORMATION
PXTRAD 60.2.99	194901	- 197401	SECTOR DEFLECTOR, WHOLESALE AND RETAIL TRADE INDUSTRIES	1971=1.0	TRANSFORMATION
PXTRSP 501.27	194901	- 197401	SECTOR DEFLECTOR, TRANSPORTATION INDUSTRIES	1971=1.0	TRANSFORMATION
PXUTIL 572.79	194901	- 197401	SECTOR DEFLECTOR, UTILITY INDUSTRIES	1971=1.0	TRANSFORMATION
PYS	194601	- 197601	PERSONAL INCOME	10006 \$	STATCAN NAT ACC
R-REC. MR	194601	- 197601	REAL ESTATE COMMISSION RATE, NONRESIDENTIAL	REAL ESTATE CO	REAL ESTATE CO
R-REC. R	195301	- 197601	REAL ESTATE COMMISSION RATE	OTT REAL EST BRD	OTT REAL EST BRD
R-MONEY	195001	- 197501	RATIO OF CURRENCY TO MONEY SUPPLY	10000	TRANSFORMATION
RC1CIG	195101	- 197601	RESIDENTIAL CONST INVT - COTTAGES	10006 \$ 1971	TRANSFORMATION
RC1CTG\$	195101	- 197601	RESIDENTIAL CONST INVT - COTTAGES	10006 \$ 1971	STATCAN NAT ACC
RC1GDRD	195101	- 197601	RESIDENTIAL CONST INVT - GOVERNMENT, DEFENCE PLUS RNDNG ERROR	10006 \$ 1971	TRANSFORMATION
RC1GDS	195101	- 197601	RESIDENTIAL CONST INVT - GOVERNMENT, DEFENCE	10006 \$ 1971	STATCAN NAT ACC
RC1IMBL	195101	- 197601	RESIDENTIAL CONST INVT - MOBILE HOMES	10006 \$ 1971	TRANSFORMATION
RC1IMBL \$	195101	- 197601	RESIDENTIAL CONST INVT - MOBILE HOMES	10006 \$ 1971	STATCAN NAT ACC
RC1ILT	195101	- 197601	RESIDENTIAL CONST INVT - MULTIPLES	10006 \$ 1971	TRANSFORMATION
RC1ILT \$	195101	- 197601	RESIDENTIAL CONST INVT - MULTIPLES	10006 \$ 1971	TRANSFORMATION
RC1INAB	195101	- 197601	RESIDENTIAL CONST INVT - BUSINESS, TOTAL NATIONAL ACCOUNTS	10006 \$ 1971	STATCAN NAT ACC
RC1INAB \$	195101	- 197601	RESIDENTIAL CONST INVT - BUSINESS, TOTAL NAT. ACC. RNDNG ERROR	10006 \$	STATCAN NAT ACC
RC1IOH	195101	- 197601	RESIDENTIAL CONST INVT - OTHER	10006 \$ 1971	TRANSFORMATION
RC1IOH \$	195101	- 197601	RESIDENTIAL CONST INVT - OTHER	10006 \$ 1971	TRANSFORMATION
RC1IREC	195101	- 197601	RESIDENTIAL CONST INVT - REAL ESTATE COMMISSIONS	10006 \$ 1971	TRANSFORMATION
RC1IREC \$	195101	- 197601	RESIDENTIAL CONST INVT - REAL ESTATE COMMISSIONS	10006 \$ 1971	STATCAN NAT ACC
RC1ISGLE	195101	- 197601	RESIDENTIAL CONST INVT - SINGLES	10006 \$ 1971	TRANSFORMATION
RC1ISGLE\$	195101	- 197601	RESIDENTIAL CONST INVT - SINGLES	10006 \$	STATCAN NAT ACC

VARIABLE	FROM	TO	DESCRIPTION	UM ITS	SOURCE
RDRCCAIP	195101	198501	DUMMY VARIABLE - RESIDENTIAL CONSTRUCTION BLOCK	10**0	ECC
RDRUNHW	195101	198501	DUMMY VARIABLE - RESIDENTIAL CONSTRUCTION BLOCK	10**0	ECC
RDRUN71CN	194601	197601	DUMMY VARIABLE - RESIDENTIAL CONSTRUCTION BLOCK	10**0	ECC
RDRUN72DM	194601	197601	DUMMY VARIABLE - RESIDENTIAL CONSTRUCTION BLOCK	10**0	ECC
RED	194601	197601	RETAINED EARNINGS	10**6 \$	STATCAN NAT ACC
REDH	195101	197601	ECONOMIC DEPRECIATION, MULTIPLES	10**0 YEARS	STATCAN CONSTR.D
REDS	195101	197601	ECONOMIC DEPRECIATION, MULTIPLES	10**0 YEARS	STATCAN CONSTR.D
REE	194601	197601	RESIDUAL ERROR OF ESTIMATE	RATE PER 10**0	STATCAN NAT ACC
REES	194601	197601	RESIDUAL ERROR OF ESTIMATE	10**6 \$ 1971	STATCAN NAT ACC
RETH	195201	197501	EFFECTIVE TAX RATE, MULTIPLES	10**6 \$	TRANSFORMATION
RETHAN	195201	197501	EFFECTIVE TAX RATE, MULTIPLES	RATE PER 10**0	TRANSFORMATION
REXCAN	195001	197501	EXCHANGE RATE IN \$CAN PER UNIT CF \$US	\$CAN/\$US	BANK OF COA
REXCANEXP	195001	197501	EXCHANGE RATE IN \$CAN PER UNIT CF \$US	\$CAN/\$US	ECC
REXCANFWD	195001	197501	90-DAY FORWARD EXCHANGE RATE IN \$CAN PER UNIT OF \$US	\$CAN/\$US	BANK OF COA
RLFM	195101	197601	ECONOMIC LIFE, MULTIPLES	10**0 YEARS	STATCAN CONSTR.D
RLFS	195101	197601	ECONOMIC LIFE, MULTIPLES	10**0 YEARS	STATCAN CONSTR.D
RMC	195201	197601	MULTIPLE DWELLING UNITS, COMPLECTIONS	10**3	CHHC
RMCDC	195201	197601	MULTIPLE DWELLING UNITS, COMPLECTIONS	10**3	CHHC
RMS	195201	197601	MULTIPLE DWELLING UNITS, STARTS	10**3	CHHC
RMSR	195101	197501	MULTIPLE DWELLING UNITS, STOCK AT END OF YEAR	10**3	CHHC
RMSR	195101	197501	RESIDENTIAL OCCUPANCY RATE	10**0	TRANSFORMATION
RPROP. RATE	195101	197601	RESIDENTIAL PROPERTY TAX RATE	RATE PER 10**0	CHHC
RSC	195201	197601	SINGLE DETACHED DWELLING UNITS, COMPLECTIONS	10**3	CHHC
RSDC	195201	197601	SINGLE DETACHED DWELLING UNITS, COMPLECTIONS	10**3	CHHC
RSS	195201	197601	SINGLE DETACHED DWELLING UNITS, STARTS	10**3	CHHC
RSS	195201	197601	SINGLE DETACHED DWELLING UNITS, STARTS	10**3	CHHC
RST	195201	197601	SINGLE DETACHED DWELLING UNITS, STOCK AT END OF YEAR	10**3	CHHC
RTC	195201	197601	DWELLING UNIT COMPLECTIONS, TOTAL	10**0	TRANSFORMATION
RTDM	195101	197601	TAX DEPRECIATION	10**3	CHHC
RTS	195201	197601	DWELLING UNIT STARTS, TOTAL	10**3	CHHC
RTST	195101	197601	DWELLING UNIT STOCK, END OF YEAR, TOTAL	10**3	CHHC
RUCM	195401	197501	USER COST OF CAPITAL, MULTIPLES	10**0	TRANSFORMATION
RUCS	195401	197501	USER COST OF CAPITAL, MULTIPLES	10**0	TRANSFORMATION
RUCM	195401	197501	USER COST OF CAPITAL, RESIDENTIAL, WEIGHTED	10**0	TRANSFORMATION
RZM	195401	197601	DISCOUNTED CAPITAL COST, MULTIPLE RESIDENTIAL HOUSING	10**0	STATCAN NAT ACC
SS	194701	197601	PERSONAL SAVINGS	10**6 \$	TRANSFORMATION
SPC\$	195201	197601	PRIVATE CONTRACTUAL SAVINGS	10**6 \$	STATCAN FL OF FUND
TBC.BAL.CAW\$	195001	197501	CURR ACCT - TOTAL CURRENT ACCOUNT BALANCE - WORLD	10**6 \$	TRANSFORMATION
TBC.BAL.FRSH\$	195001	197501	CURR ACCT - BALANCE ON FREIGHT & SHIPPING - WORLD	10**6 \$	TRANSFORMATION
TBC.BAL.INCFW\$	195001	197501	CURR ACCT - BALANCE ON INCOME FLOWS - WORLD	10**6 \$	TRANSFORMATION
TBC.BAL.MERBPM\$	195001	197501	CURR ACCT - MERCHANDISE BALANCE - BOP BASIS - WORLD	10**6 \$	TRANSFORMATION
TBC.BAL.MERW\$	195001	197501	CURR ACCT - MERCHANDISE BALANCE - BOP BASIS - WORLD	10**6 \$	TRANSFORMATION
TBC.BAL.MTRFR\$	195001	197501	CURR ACCT - NET TRANSFERS - WORLD	10**6 \$	TRANSFORMATION
TBC.BAL.OSER\$	195001	197501	CURR ACCT - BALANCE ON OTHER SERVICES - WORLD	10**6 \$	TRANSFORMATION
TBC.BAL.SERM\$	195001	197501	CURR ACCT - BALANCE ON TOTAL SERVICES - WORLD	10**6 \$	TRANSFORMATION
TBC.BAL.TRLV\$	195001	197501	CURR ACCT - BALANCE ON TRAVEL - WORLD	10**6 \$	TRANSFORMATION
TBC.TMOTRADEG	195001	197501	CURR ACCT - TERMS OF TRADE - GOODS	10**6 \$	TRANSFORMATION
TBC.TMOTRADEG+S	194601	197601	CURR ACCT - TERMS OF TRADE - GOODS & SERVICES	10**6 \$	TRANSFORMATION
TBK.BAL.DINV\$	194601	197601	CPTL ACCT - BALANCE IN DIRECT INVESTMENT	RATIO 1971=1.0	TRANSFORMATION
TBK.BAL.LTFM\$	194601	197601	CPTL ACCT - BALANCE ON LONG-TERM MOVEMENTS	RATIO 1971=1.0	TRANSFORMATION

VARIABLE	FROM	TO	DESCRIPTION	UNITS	SOURCE
TBK-BAL-PTFRANS\$	194601	197601	CPIL ACCT - BALANCE ON PORTFOLIC TRANSACTIONS	10006 \$	TRANSFORMATION
TBK-BAL-STFM \$	194601	197601	CPIL ACCT - BALANCE ON SHORT-TERM MOVEMENTS	10006 \$	TRANSFORMATION
TBK-BALB \$	195001	197501	CPIL ACCT - BASIC BALANCE	10006 \$	TRANSFORMATION
TBK-BALB \$	194601	197601	CPIL ACCT - NET CAPITAL BALANCE	10006 \$	TRANSFORMATION
TBK-BALD \$	195001	197501	CPIL ACCT - OFFICIAL SETTLEMENTS BALANCE	10006 \$	TRANSFORMATION
TBK-LA-D INVF \$	194601	197601	CPIL ACCT - DIRECT INVESTMENT ABROAD	10006 \$	BAL OF PYMTS
TBK-LA-D INVF \$	194601	197601	CPIL ACCT - DIRECT INVESTMENT ABROAD - ROW	10006 \$	TRANSFORMATION
TBK-LA-D INVF \$	194601	197601	CPIL ACCT - DIRECT INVESTMENT ABROAD - US	10006 \$	BAL OF PYMTS
TBK-LA-PT \$	194601	197601	CPIL ACCT - FOREIGN SECURITIES	10006 \$	TRANSFORMATION
TBK-LA-8C \$	195201	197601	CPIL ACCT - CDM BONDS - CORPORATE	10006 \$	TRANSFORMATION
TBK-LA-8C \$	195201	197601	CPIL ACCT - CDM BONDS - FEDERAL	10006 \$	TRANSFORMATION
TBK-LA-8B \$	195201	197601	CPIL ACCT - CANADIAN BONDS - PROVINCIAL AND MUNICIPAL	10006 \$	TRANSFORMATION
TBK-LA-8B \$	195201	197601	CPIL ACCT - PROV AND MUNIC BONDS - ADJUSTING ENTRY	10006 \$	TRANSFORMATION
TBK-LA-8B \$	195201	197601	CPIL ACCT - PROV AND MUNIC BONDS - ADJUSTING ENTRY	10006 \$	TRANSFORMATION
TBK-LA-8B \$	195201	197601	CPIL ACCT - DIRECT INVESTMENT IN CANADA	10006 \$	BAL OF PYMTS
TBK-LA-8B \$	195201	197601	CPIL ACCT - DIRECT INVESTMENT IN CANADA - ROW	10006 \$	TRANSFORMATION
TBK-LA-8B \$	195201	197601	CPIL ACCT - DIRECT INVESTMENT IN CANADA - US	10006 \$	BAL OF PYMTS
TBK-LA-8B \$	195201	197601	CPIL ACCT - CANADIAN BONDS - NET NEW ISSUES - CORPORATE	10006 \$	TRANSFORMATION
TBK-LA-8B \$	195201	197601	CPIL ACCT - CDM BONDS - OUTSTANDING - CORPORATE	10006 \$	BAL OF PYMTS
TBK-LA-8B \$	195201	197601	CPIL ACCT - CDM BONDS - OUTSTANDING - CORPORATE	10006 \$	TRANSFORMATION
TBK-LA-8B \$	195201	197601	CPIL ACCT - CANADIAN STOCKS - TOTAL	10006 \$	BAL OF PYMTS
TBK-LA-8B \$	195201	197601	CPIL ACCT - CANADIAN STOCKS - TOTAL	10006 \$	TRANSFORMATION
TBK-LA-8B \$	195201	197601	CPIL ACCT - MISCELLANEOUS LONG-TERM TRANSACTIONS	10006 \$	TRANSFORMATION
TBK-LA-8B \$	195201	197601	CPIL ACCT - ALLOCATION OF SPECIAL DRAWING RIGHTS	10006 \$	BAL OF PYMTS
TBK-LA-8B \$	195201	197601	CPIL ACCT - STOCK OF FEDERAL SECURITIES HELD BY NONRESIDENT	10006 \$	TRANSFORMATION
TBK-LA-8B \$	195201	197601	CPIL ACCT - STOCK OF FOREIGN DIRECT INVESTMENT IN CDA	10006 \$	TRANSFORMATION
TBK-LA-8B \$	195201	197601	CPIL ACCT - STOCK OF ROW FOREIGN DIRECT INVESTMENT IN CDA	10006 \$	TRANSFORMATION
TBK-LA-8B \$	195201	197601	CPIL ACCT - STOCK OF U.S. FOREIGN DIRECT INVESTMENT IN CDA	10006 \$	TRANSFORMATION
TBK-LA-8B \$	195201	197601	CPIL ACCT - LONG-TM CORP. SECURITIES HELD BY NONRESIDENTS	10006 \$	TRANSFORMATION
TBK-LA-8B \$	195201	197601	CPIL ACCT - STOCK OF PROV. AND MUN. SECURITIES HELD BY NON-RES	10006 \$	TRANSFORMATION
TBK-LA-8B \$	195201	197601	CPIL ACCT - STOCK OF NET SHORT-TERM LIABILITIES - NONRESIDENT	10006 \$	TRANSFORMATION
TBK-LA-8B \$	195201	197601	CPIL ACCT - STOCK OF NET SHORT-TERM LIABILITIES - NONRESIDENT	10006 \$	TRANSFORMATION
TBK-LA-8B \$	195201	197601	CPIL ACCT - STOCK OF NET SHORT-TERM LIABILITIES - NONRESIDENT	10006 \$	TRANSFORMATION
TBK-LA-8B \$	195201	197601	CPIL ACCT - ADJUSTING ENTRY FE INTERNATIONAL RESERVES	10006 US\$	TRANSFORMATION
TBK-LA-8B \$	195201	197601	TOTAL OFFICIAL INTERNATIONAL RESERVES	10006 US\$	BANK OF CDA
TBK-LA-8B \$	195201	197601	DUMMY VARIABLE - TRADE BLOCK - AIRCRAFT PURCHASES	10000	ECC
TBK-LA-8B \$	195201	197601	DUMMY VARIABLE - TRADE BLOCK - AIRCRAFT EXPORTS	10000	ECC
TBK-LA-8B \$	195201	197601	DUMMY VARIABLE - TRADE BLOCK - AUTO AGREEMENT	10000	ECC
TBK-LA-8B \$	195201	197601	DUMMY VARIABLE - TRADE BLOCK - BASE METALS	10000	ECC
TBK-LA-8B \$	195201	197601	DUMMY VARIABLE - BOP BLOCK - DEPRECIATION ALLOWANCES	10000	ECC
TBK-LA-8B \$	195201	197601	DUMMY VARIABLE - BOP BLOCK - CEILING CONSTRUCTION	10000	ECC
TBK-LA-8B \$	195201	197601	DUMMY VARIABLE - BOP BLOCK - FIXED EXCH. RATE PERIOD	10000	ECC
TBK-LA-8B \$	195201	197601	DUMMY VARIABLE - BOP BLOCK - FOREIGN ACQUISITIONS	10000	ECC
TBK-LA-8B \$	195201	197601	DUMMY VARIABLE - BOP BLOCK - GOVT INTERVENTION	10000	ECC
TBK-LA-8B \$	195201	197601	DUMMY VARIABLE - BOP BLOCK - IRON & STEEL STRIKES	10000	ECC
TBK-LA-8B \$	195201	197601	DUMMY VARIABLE - TRADE BLOCK - LIVE ANIMAL CYCLE	10000	ECC
TBK-LA-8B \$	195201	197601	DUMMY VARIABLE - TRADE BLOCK - METAL MINING STRIKES	10000	ECC
TBK-LA-8B \$	195201	197601	DUMMY VARIABLE - TRADE BLOCK - MONTREAL SUBWAY	10000	ECC
TBK-LA-8B \$	195201	197601	DUMMY VARIABLE - BOP BLOCK - NICKEL TAKEOVER	10000	ECC
TBK-LA-8B \$	195201	197601	DUMMY VARIABLE - BOP BLOCK - NONFERROUS METALS	10000	ECC
TBK-LA-8B \$	195201	197601	DUMMY VARIABLE - TRADE BLOCK - OVERSEAS CAR CYCLES	10000	ECC

VARIABLE	FROM	TO	DESCRIPTION	UNITS	SOURCE
TOUNPE TO GAST INV	194601	197601	DUMMY VARIABLE - BOP BLOCK - ENERGY INVESTMENT	10**0	ECC
TOUNPT PIPELINE \$	195001	197501	DUMMY VARIABLE - TRADE BLOCK - TRANS CDA PIPELINE	10**0	ECC
TOUNPPS TRK	195001	197501	DUMMY VARIABLE - TRADE BLOCK - PAPER INDUSTRY STRIKE	10**0	ECC
TOUNPULP INV	194601	197601	DUMMY VARIABLE - BOP BLOCK - PULP INVESTMENT	10**0	ECC
TOUNR5V	194601	197601	DUMMY VARIABLE - BOP BLOCK - RESERVES FINANCING	10**0	ECC
TOUNSALE	194601	197601	DUMMY VARIABLE - BOP BLOCK - SALE	10**0	ECC
TOUN5063	195001	197501	DUMMY VARIABLE - TRADE BLOCK	10**0	ECC
TOUN58	195001	197501	DUMMY VARIABLE - TRADE BLOCK	10**0	ECC
TOUN400M	195001	197501	DUMMY VARIABLE - TRADE BLOCK	10**0	ECC
TOUN61	195001	197501	DUMMY VARIABLE - BOP BLOCK	10**0	ECC
TOUN610M	194601	197601	DUMMY VARIABLE - BOP BLOCK	10**0	ECC
TOUN64	195001	197501	DUMMY VARIABLE - TRADE BLOCK	10**0	ECC
TOUN65	195001	197501	DUMMY VARIABLE - TRADE BLOCK	10**0	ECC
TOUN66	195001	197501	DUMMY VARIABLE - TRADE BLOCK	10**0	ECC
TOUN67	195001	197501	DUMMY VARIABLE - TRADE BLOCK	10**0	ECC
TOUN6768	195001	197501	DUMMY VARIABLE - TRADE BLOCK	10**0	ECC
TOUN68CR \$	194601	197601	DUMMY VARIABLE - BOP BLOCK - FOP, EXCH, CRISIS	10**0	ECC
TOUN69	195001	197501	DUMMY VARIABLE - TRADE BLOCK	10**0	ECC
TOUN690M	195001	197501	DUMMY VARIABLE - TRADE BLOCK	10**0	ECC
TOUN6970	195001	197501	DUMMY VARIABLE - TRADE BLOCK	10**0	ECC
TOUN70	195001	197501	DUMMY VARIABLE - TRADE BLOCK	10**0	ECC
TOUN710M	195301	197601	DUMMY VARIABLE - TRADE BLOCK	10**0	ECC
TOUN72	195001	197501	DUMMY VARIABLE - TRADE BLOCK	10**0	ECC
TOUN72-73	194601	197601	DUMMY VARIABLE - BOP BLOCK	10**0	ECC
TOUN73	195001	197501	DUMMY VARIABLE - BOP BLOCK	10**0	ECC
TOUN730M	195001	197501	DUMMY VARIABLE - BOP BLOCK	10**0	ECC
TOUN74	195001	197501	DUMMY VARIABLE - BOP BLOCK	10**0	ECC
TOUN75	195001	197501	DUMMY VARIABLE - BOP BLOCK	10**0	ECC
TOUN75M	195001	197501	DUMMY VARIABLE - BOP BLOCK	10**0	ECC
TEAGM	195001	197701	EXPORTS AGRICULTURAL COMMODITIES - WORLD	10**0	TRANSFORMATION
TEAGM \$	195001	197701	EXPORTS AGRICULTURAL COMMODITIES - WORLD	10**6 \$	TRANSFORMATION
TEALCO+TOB \$	195001	197501	EXPORTS ALCOHOLIC BEVERAGES & TOBACCO - WORLD	10**6 \$	TRANSFORMATION
TEALCO+TOB \$	195001	197501	EXPORTS ALCOHOLIC BEVERAGES & TOBACCO - WORLD	10**6 \$	TRANSFORMATION
TECHM	195001	197501	EXPORTS CHEMICALS & CHEMICAL PRODUCTS - WORLD	10**6 \$	TRANSFORMATION
TECHM \$	195001	197501	EXPORTS CHEMICALS & CHEMICAL PRODUCTS - WORLD	10**6 \$	TRANSFORMATION
TECOAL \$	195001	197701	EXPORTS COAL - WORLD	10**6 \$	TRANSFORMATION
TECOAL \$	195001	197701	EXPORTS COAL - WORLD	10**6 \$	TRANSFORMATION
TEECM \$	195001	197701	EXPORTS ELECTRICAL MACHINERY & EQUIPT - WORLD	10**6 \$	TRANSFORMATION
TEECM \$	195001	197501	EXPORTS ELECTRICAL MACHINERY & EQUIPT - WORLD	10**6 \$	TRANSFORMATION
TEELPOW	195001	197701	EXPORTS ELECTRICAL POWER - WORLD	10**6 \$	TRANSFORMATION
TEELPOW \$	195001	197701	EXPORTS ELECTRICAL POWER - WORLD	10**6 \$	TRANSFORMATION
TEFABRMTLW	195001	197701	EXPORTS FABRICATED METAL PROD - WORLD	10**6 \$	TRANSFORMATION
TEFABRMTLW \$	195001	197501	EXPORTS FABRICATED METAL PROD - WORLD	10**6 \$	TRANSFORMATION
TEFOODPR \$	195001	197701	EXPORTS TOTAL OTHER FOODS - WORLD	10**6 \$	TRANSFORMATION
TEFOODPR \$	195001	197501	EXPORTS TOTAL FOODS - WORLD	10**6 \$	TRANSFORMATION
TEFOOD \$	195001	197701	EXPORTS TOTAL FOODS - WORLD	10**6 \$	TRANSFORMATION
TEFOOD \$	195001	197501	EXPORTS TOTAL FOODS - WORLD	10**6 \$	TRANSFORMATION
TEFORESTRY \$	195001	197701	EXPORTS FORESTRY - WORLD	10**6 \$	TRANSFORMATION
TEFORESTRY \$	195001	197501	EXPORTS FORESTRY - WORLD	10**6 \$	TRANSFORMATION
TEFUEXTM	195001	197701	EXPORTS PETROLEUM & COAL PRODUCTS - WORLD	10**6 \$	TRANSFORMATION

VARIABLE	FROM	TO	DESCRIPTION	UNITS	SOURCE
TEFUTP\$	195001	- 197501	EXPORTS PETROLEUM & COAL PRODUCTS - WORLD	10+6 \$	TRADE OF CDA
TEFURN\$	195001	- 197701	EXPORTS FURNITURE - WORLD	10+6 \$	TRANSFORMATION
TEFURN\$	195001	- 197501	EXPORTS FURNITURE - WORLD	10+6 \$	TRADE OF CDA
TEC+SBP\$	195001	- 197501	EXPORTS TOTAL GOODS & SERVICES - BOP BASIS - WORLD	10+6 \$	BALANCE OF PYMTS
TEC+SNM\$	194601	- 197601	EXPORTS TOTAL GOODS & SERVICES - NA BASIS - WORLD	10+6 \$	NATIONAL ACCTS
TEG+SRM\$	194601	- 197601	EXPORTS TOTAL GOODS & SERVICES - NA BASIS - WORLD	10+6 \$	NATIONAL ACCTS
TEGRAINS\$	195001	- 197701	EXPORTS TOTAL GRAINS - WORLD	10+6 \$	TRANSFORMATION
TEGRAINS\$	195001	- 197501	EXPORTS TOTAL GRAINS - WORLD	10+6 \$	TRANSFORMATION
TEG\$	195001	- 197701	EXPORTS TOTAL GOODS - WORLD	10+6 \$	TRANSFORMATION
TEG\$	195001	- 197501	EXPORTS TOTAL GOODS - WORLD	10+6 \$	TRANSFORMATION
TEGAP	195001	- 197501	EXPORTS RESIDUAL ERROR - WORLD	10+6 \$	TRANSFORMATION
TEIRAS\$	195001	- 197701	EXPORTS TOTAL IRON & STEEL - WORLD	10+6 \$	TRANSFORMATION
TEIRAS\$	195001	- 197501	EXPORTS TOTAL IRON & STEEL - WORLD	10+6 \$	TRANSFORMATION
TEN+H\$	195001	- 197701	EXPORTS TOTAL MACHINERY & EQUIPT - WORLD	10+6 \$	TRANSFORMATION
TEN+H\$	195001	- 197501	EXPORTS TOTAL MACHINERY & EQUIPT - WORLD	10+6 \$	TRANSFORMATION
TENAFM\$	195001	- 197701	EXPORTS AGRICULTURAL MACHINERY - WORLD	10+6 \$	TRANSFORMATION
TENAFM\$	195001	- 197501	EXPORTS AGRICULTURAL MACHINERY - WORLD	10+6 \$	TRADE OF CDA
TENFRD\$	195001	- 197701	EXPORTS DURABLE MANUFACTURED GOODS - WORLD	10+6 \$	TRANSFORMATION
TENFRD\$	195001	- 197501	EXPORTS DURABLE MANUFACTURED GOODS - WORLD	10+6 \$	TRANSFORMATION
TENFRDM\$	195001	- 197501	EXPORTS NONDURABLE MANUFACTURED GOODS - WORLD	10+6 \$	TRANSFORMATION
TENFRDM\$	195001	- 197501	EXPORTS NONDURABLE MANUFACTURED GOODS - WORLD	10+6 \$	TRANSFORMATION
TENFRM\$	195001	- 197501	EXPORTS MANUFACTURED GOODS - WORLD	10+6 \$	TRANSFORMATION
TENFRM\$	195001	- 197501	EXPORTS MANUFACTURED GOODS - WORLD	10+6 \$	TRANSFORMATION
TENFM\$	195001	- 197701	EXPORTS MINING - WORLD	10+6 \$	TRANSFORMATION
TENFM\$	195001	- 197501	EXPORTS MINING - WORLD	10+6 \$	TRANSFORMATION
TENSRPM\$	195001	- 197501	EXPORTS MISC MANUFACTURED PRD - WORLD	10+6 \$	TRANSFORMATION
TENSRPM\$	195001	- 197501	EXPORTS MISC MANUFACTURED PRD - WORLD	10+6 \$	TRANSFORMATION
TENRVEH\$	195001	- 197701	EXPORTS MOTOR VEHICLES - ROW	10+6 \$	TRANSFORMATION
TENRVEH\$	195001	- 197701	EXPORTS MOTOR VEHICLES - US	10+6 \$	TRANSFORMATION
TENRVEH\$	195001	- 197701	EXPORTS MOTOR VEHICLES - WORLD	10+6 \$	TRANSFORMATION
TENRVEH\$	195001	- 197501	EXPORTS MOTOR VEHICLES - WORLD	10+6 \$	TRADE OF CDA
TENRVPART\$	195001	- 197701	EXPORTS MOTOR VEHICLE PARTS - ROW	10+6 \$	TRANSFORMATION
TENRVPART\$	195001	- 197701	EXPORTS MOTOR VEHICLE PARTS - US	10+6 \$	TRANSFORMATION
TENRVPART\$	195001	- 197701	EXPORTS MOTOR VEHICLE PARTS - WORLD	10+6 \$	TRANSFORMATION
TENRVPART\$	195001	- 197501	EXPORTS MOTOR VEHICLE PARTS - WORLD	10+6 \$	TRADE OF CDA
TENRVPADJ\$	195001	- 197501	EXPORTS ADJUSTMENT (NA,BOP DISCREPANCIES) - WORLD	10+6 \$	TRANSFORMATION
TENRVECH\$	195001	- 197701	EXPORTS OTHER NONELECTRICAL PACFINERY - WORLD	10+6 \$	TRANSFORMATION
TENRVECH\$	195001	- 197501	EXPORTS OTHER NONELECTRICAL PACFINERY - WORLD	10+6 \$	TRADE OF CDA
TENGAS\$	195001	- 197701	EXPORTS NATURAL GAS - WORLD	10+6 \$	TRANSFORMATION
TENGAS\$	195001	- 197501	EXPORTS NATURAL GAS - WORLD	10+6 \$	TRADE OF CDA
TENMETIMPR\$	195001	- 197701	EXPORTS STONE,CLAY & GLASS PRODUCTS - WORLD	10+6 \$	TRANSFORMATION
TENMETIMPR\$	195001	- 197501	EXPORTS STONE,CLAY & GLASS PRODUCTS - WORLD	10+6 \$	TRADE OF CDA
TENMETIMM\$	195001	- 197701	EXPORTS TOTAL NONMETALLIC MINERALS - WORLD	10+6 \$	TRANSFORMATION
TENMETIMM\$	195001	- 197501	EXPORTS TOTAL NONMETALLIC MINERALS - WORLD	10+6 \$	TRANSFORMATION
TENORMT\$	195001	- 197701	EXPORTS TOTAL NONFERROUS METALS - WORLD	10+6 \$	TRANSFORMATION
TENORMT\$	195001	- 197501	EXPORTS TOTAL NONFERROUS METALS - WORLD	10+6 \$	TRANSFORMATION
TENPR\$	195001	- 197701	EXPORTS NEWSPRINT - ROW	10+6 \$	TRANSFORMATION
TENPR\$	195001	- 197701	EXPORTS NEWSPRINT - US	10+6 \$	TRANSFORMATION
TENPR\$	195001	- 197701	EXPORTS NEWSPRINT - WORLD	10+6 \$	TRANSFORMATION

VARIABLE	FROM	TO	DESCRIPTION	UNITS	SOURCE
TEMPRHS	195001 - 197501	197501	EXPORTS NEWSPRINT - WORLD	10**6 \$	TRADE OF CDA
TEMPRHS	195001 - 197701	197701	EXPORTS OTHER PAPER & PRINTING PROD - WORLD	10**6 \$	TRADE OF CDA
TEMPRHS	195001 - 197501	197501	EXPORTS OTHER PAPER & PRINTING PROD - WORLD	10**6 \$	TRADE OF CDA
TEMPRHS	195001 - 197701	197701	EXPORTS TOTAL OTHER FARM - WORLD	10**6 \$	TRANSFORMATION
TEMPRHS	195001 - 197501	197501	EXPORTS TOTAL OTHER FARM - WORLD	10**6 \$	TRANSFORMATION
TEMPRHS	195001 - 197701	197701	EXPORTS TOTAL OTHER BASE METALS - WORLD	10**6 \$	TRANSFORMATION
TEMPRHS	195001 - 197501	197501	EXPORTS TOTAL OTHER BASE METALS - WORLD	10**6 \$	TRANSFORMATION
TEMPRHS	195001 - 197701	197701	EXPORTS TOTAL OTHER BASE METALS - WORLD	10**6 \$	TRANSFORMATION
TEMPRHS	195001 - 197501	197501	EXPORTS PAPER & ALLIED PRODUCTS - WORLD	10**6 \$	TRANSFORMATION
TEMPRHS	195001 - 197701	197701	EXPORTS PAPER & ALLIED PRODUCTS - WORLD	10**6 \$	TRANSFORMATION
TEMPRHS	195001 - 197501	197501	EXPORTS CRUDE PETROLEUM - WORLD	10**6 \$	TRADE OF CDA
TEMPRHS	195001 - 197701	197701	EXPORTS CRUDE PETROLEUM - WORLD	10**6 \$	TRANSFORMATION
TEMPRHS	195001 - 197501	197501	EXPORTS PULP - ROW	10**6 \$	TRANSFORMATION
TEMPRHS	195001 - 197701	197701	EXPORTS PULP - ROW	10**6 \$	TRANSFORMATION
TEMPRHS	195001 - 197501	197501	EXPORTS PULP - WORLD	10**6 \$	TRANSFORMATION
TEMPRHS	195001 - 197701	197701	EXPORTS PULP - WORLD	10**6 \$	TRANSFORMATION
TEMPRHS	195001 - 197501	197501	EXPORTS TOTAL RUBBER, LEATHER & CLOTHING - WORLD	10**6 \$	TRANSFORMATION
TEMPRHS	195001 - 197701	197701	EXPORTS TOTAL RUBBER, LEATHER & CLOTHING - WORLD	10**6 \$	TRANSFORMATION
TEMPRHS	195001 - 197501	197501	EXPORTS RESIDUAL MERCHANDISE ADJUSTMENT - WORLD	10**6 \$	TRANSFORMATION
TEMPRHS	195001 - 197701	197701	EXPORTS RESIDUAL MERCHANDISE ADJUSTMENT - WORLD	10**6 \$	TRANSFORMATION
TEMPRHS	195001 - 197501	197501	EXPORTS OTHER TRANSPORTATION EQUIP - WORLD	10**6 \$	TRANSFORMATION
TEMPRHS	195001 - 197701	197701	EXPORTS OTHER TRANSPORTATION EQUIP - WORLD	10**6 \$	TRANSFORMATION
TEMPRHS	195001 - 197501	197501	EXPORTS RE-EXPORTS - WORLD	10**6 \$	TRADE OF CDA
TEMPRHS	195001 - 197701	197701	EXPORTS RE-EXPORTS - WORLD	10**6 \$	TRANSFORMATION
TEMPRHS	195001 - 197501	197501	EXPORTS SERVICE RECEIPTS - FREIGHT & SHIPPING - WORLD	10**6 \$	TRADE OF CDA
TEMPRHS	195001 - 197701	197701	EXPORTS SERVICE RECEIPTS - FREIGHT & SHIPPING - WORLD	10**6 \$	TRANSFORMATION
TEMPRHS	195001 - 197501	197501	EXPORTS SERVICE RECEIPTS - INHERITANCES & MIGRANTS FUNDS - WORLD	10**6 \$	BAL OF PYMTS
TEMPRHS	195001 - 197701	197701	EXPORTS SERVICE RECEIPTS - INHERITANCES & MIGRANTS FUNDS - WORLD	10**6 \$	BAL OF PYMTS
TEMPRHS	195001 - 197501	197501	EXPORTS SERVICE RECEIPTS - INCOME RECEIPTS - ROW	10**6 \$	TRANSFORMATION
TEMPRHS	195001 - 197701	197701	EXPORTS SERVICE RECEIPTS - INCOME RECEIPTS - ROW	10**6 \$	TRANSFORMATION
TEMPRHS	195001 - 197501	197501	EXPORTS SERVICE RECEIPTS - INCOME RECEIPTS - US	10**6 \$	BAL OF PYMTS
TEMPRHS	195001 - 197701	197701	EXPORTS SERVICE RECEIPTS - INCOME RECEIPTS - US	10**6 \$	BAL OF PYMTS
TEMPRHS	195001 - 197501	197501	EXPORTS SERVICE RECEIPTS - INCOME RECEIPTS - WORLD	10**6 \$	TRANSFORMATION
TEMPRHS	195001 - 197701	197701	EXPORTS SERVICE RECEIPTS - INCOME RECEIPTS - WORLD	10**6 \$	TRANSFORMATION
TEMPRHS	195001 - 197501	197501	EXPORTS SERVICE RECEIPTS - OTHER SERVICES - WORLD	10**6 \$	BAL OF PYMTS
TEMPRHS	195001 - 197701	197701	EXPORTS SERVICE RECEIPTS - OTHER SERVICES - WORLD	10**6 \$	TRANSFORMATION
TEMPRHS	195001 - 197501	197501	EXPORTS SPECIAL TRANSACTIONS - WORLD	10**6 \$	TRADE OF CDA
TEMPRHS	195001 - 197701	197701	EXPORTS SPECIAL TRANSACTIONS - WORLD	10**6 \$	BAL OF PYMTS
TEMPRHS	195001 - 197501	197501	EXPORTS SERVICE RECEIPTS - PERSONAL REMITTANCES - WORLD	10**6 \$	BALANCE OF PYMTS
TEMPRHS	195001 - 197701	197701	EXPORTS SERVICE RECEIPTS - PERSONAL REMITTANCES - WORLD	10**6 \$	TRANSFORMATION
TEMPRHS	195001 - 197501	197501	EXPORTS BOP/NA DISCREPANCY RE PERSONAL REMITTANCES	10**6 \$	BAL OF PYMTS
TEMPRHS	195001 - 197701	197701	EXPORTS BOP/NA DISCREPANCY RE PERSONAL REMITTANCES	10**6 \$	TRANSFORMATION
TEMPRHS	195001 - 197501	197501	EXPORTS SERVICE RECEIPTS - TRAVEL - WORLD	10**6 \$	BAL OF PYMTS
TEMPRHS	195001 - 197701	197701	EXPORTS SERVICE RECEIPTS - TRAVEL - WORLD	10**6 \$	TRANSFORMATION
TEMPRHS	195001 - 197501	197501	EXPORTS TOTAL SERVICE RECEIPTS - WORLD	10**6 \$	TRANSFORMATION
TEMPRHS	195001 - 197701	197701	EXPORTS TOTAL SERVICE RECEIPTS - WORLD	10**6 \$	TRANSFORMATION
TEMPRHS	195001 - 197501	197501	EXPORTS SERVICES - ADJUSTING ENTRY - WORLD	10**6 \$	TRANSFORMATION
TEMPRHS	195001 - 197701	197701	EXPORTS SERVICES - ADJUSTING ENTRY - WORLD	10**6 \$	TRANSFORMATION
TEMPRHS	195001 - 197501	197501	EXPORTS TOTAL SERVICE RECEIPTS - WORLD - SUM OF PARTS	10**6 \$	TRADE OF CDA
TEMPRHS	195001 - 197701	197701	EXPORTS TEXTILES - WORLD	10**6 \$	TRANSFORMATION
TEMPRHS	195001 - 197501	197501	EXPORTS TEXTILES - WORLD	10**6 \$	TRANSFORMATION
TEMPRHS	195001 - 197701	197701	EXPORTS TRANSPORT EQUIPMENT - WORLD	10**6 \$	TRANSFORMATION
TEMPRHS	195001 - 197501	197501	EXPORTS TRANSPORT EQUIPMENT - WORLD	10**6 \$	TRANSFORMATION
TEMPRHS	195001 - 197701	197701	EXPORTS URANIUM - WORLD	10**6 \$	TRANSFORMATION
TEMPRHS	195001 - 197501	197501	EXPORTS URANIUM - WORLD	10**6 \$	TRANSFORMATION
TEMPRHS	195001 - 197701	197701	EXPORTS URANIUM - WORLD	10**6 \$	TRANSFORMATION
TEMPRHS	195001 - 197501	197501	EXPORTS WOOD & LUMBER - WORLD	10**6 \$	TRANSFORMATION
TEMPRHS	195001 - 197701	197701	EXPORTS WOOD & LUMBER - WORLD	10**6 \$	TRANSFORMATION

ARTICLE ENCLUMBS\$	FROM	TO	DESCRIPTION	UNITS	SOURCE
INR	195001	197501	EXPORTS WOOD & LUMBER - WORLD	10**6 \$	TRADE OF CDA
MAGRESW	194601	197601	DUMMY VARIABLE - FINAL DEMAND PRICE SECTOR	10**0	ECC
MAGRESW	195001	197701	IMPORTS RESIDUAL AGRICULTURAL PRODUCTS - WORLD	10**6 \$	TRANSFORMATION
MAGRESW	195001	197701	IMPORTS RESIDUAL AGRICULTURAL PRODUCTS - WORLD	10**6 \$	TRANSFORMATION
MAGRESW	195001	197701	IMPORTS AGRICULTURAL PRODUCTS - WORLD	10**6 \$	TRANSFORMATION
MAGRESW	195001	197701	IMPORTS AGRICULTURAL PRODUCTS - WORLD	10**6 \$	TRANSFORMATION
MAGRESW	195001	197701	IMPORTS AIRCRAFT & PARTS - WORLD	10**6 \$	TRADE OF CDA
MAGRESW	195001	197701	IMPORTS AIRCRAFT & PARTS - WORLD	10**6 \$	TRADE OF CDA
MAGRESW	195001	197701	IMPORTS ALCOHOLIC BEVERAGES - WORLD	10**6 \$	TRADE OF CDA
MAGRESW	195001	197701	IMPORTS ALCOHOLIC BEVERAGES - WORLD	10**6 \$	TRADE OF CDA
MAGRESW	195001	197701	IMPORTS APPAREL & HOUSEHOLD GOODS - WORLD	10**6 \$	TRADE OF CDA
MAGRESW	195001	197701	IMPORTS APPAREL & HOUSEHOLD GOODS - WORLD	10**6 \$	TRANSFORMATION
MAGRESW	195001	197701	IMPORTS BUSINESS MACHINERY - WORLD	10**6 \$	TRADE OF CDA
MAGRESW	195001	197701	IMPORTS BUSINESS MACHINERY - WORLD	10**6 \$	TRANSFORMATION
MAGRESW	195001	197701	IMPORTS CHEMICALS & PROD - WORLD	10**6 \$	TRANSFORMATION
MAGRESW	195001	197701	IMPORTS CHEMICALS & PROD - WORLD	10**6 \$	TRANSFORMATION
MAGRESW	195001	197701	IMPORTS COAL - WORLD	10**6 \$	TRADE OF CDA
MAGRESW	195001	197701	IMPORTS COAL - WORLD	10**6 \$	TRANSFORMATION
MAGRESW	195001	197701	IMPORTS CRUDE MATERIALS - WORLD	10**6 \$	TRANSFORMATION
MAGRESW	195001	197701	IMPORTS CRUDE MATERIALS - WORLD	10**6 \$	TRANSFORMATION
MAGRESW	195001	197701	IMPORTS DAIRY MEAT FISH PROD - WORLD	10**6 \$	TRANSFORMATION
MAGRESW	195001	197701	IMPORTS DAIRY MEAT FISH PROD - WORLD	10**6 \$	TRANSFORMATION
MAGRESW	195001	197701	IMPORTS MEAT FISH DAIRY PROD - WORLD	10**6 \$	TRANSFORMATION
MAGRESW	195001	197701	IMPORTS MEAT FISH DAIRY PROD - WORLD	10**6 \$	TRANSFORMATION
MAGRESW	195001	197701	IMPORTS OTHER FUELS & PROD - WORLD	10**6 \$	TRADE OF CDA
MAGRESW	195001	197701	IMPORTS OTHER FUELS & PROD - WORLD	10**6 \$	TRANSFORMATION
MAGRESW	195001	197701	IMPORTS FRUITS & VEGETABLES - WORLD	10**6 \$	TRANSFORMATION
MAGRESW	195001	197701	IMPORTS FRUITS & VEGETABLES - WORLD	10**6 \$	TRANSFORMATION
MAGRESW	195001	197701	IMPORTS GOODS & SERVICES - BAL OF PAYMENTS BASIS - WORLD	10**6 \$	BALANCE OF PYMTS
MAGRESW	195001	197701	IMPORTS GOODS & SERVICES - BAL OF PAYMENTS BASIS - WORLD	10**6 \$	NATIONAL ACCTS
MAGRESW	195001	197701	IMPORTS GOODS & SERVICES - NA BASIS - WORLD	10**6 \$	TRANSFORMATION
MAGRESW	195001	197701	IMPORTS GOODS & SERVICES - NA BASIS - WORLD	10**6 \$	TRANSFORMATION
MAGRESW	195001	197701	IMPORTS TOTAL GOODS - WORLD	10**6 \$	TRANSFORMATION
MAGRESW	195001	197701	IMPORTS TOTAL GOODS - WORLD	10**6 \$	TRANSFORMATION
MAGRESW	195001	197701	IMPORTS RESIDUAL ERROR - WORLD	10**6 \$	TRANSFORMATION
MAGRESW	195001	197701	IMPORTS INDUSTRIAL MACHINERY - RS	10**6 \$	TRANSFORMATION
MAGRESW	195001	197701	IMPORTS INDUSTRIAL MACHINERY - RS	10**6 \$	TRANSFORMATION
MAGRESW	195001	197701	IMPORTS INDUSTRIAL MACHINERY - WORLD	10**6 \$	TRANSFORMATION
MAGRESW	195001	197701	IMPORTS INDUSTRIAL MACHINERY - WORLD	10**6 \$	TRANSFORMATION
MAGRESW	195001	197701	IMPORTS IRON & STEEL & ALLOYS - WORLD	10**6 \$	TRADE OF CDA
MAGRESW	195001	197701	IMPORTS IRON & STEEL & ALLOYS - WORLD	10**6 \$	TRANSFORMATION
MAGRESW	195001	197701	IMPORTS MACHINERY - WORLD	10**6 \$	TRANSFORMATION
MAGRESW	195001	197701	IMPORTS MACHINERY - WORLD	10**6 \$	TRANSFORMATION
MAGRESW	195001	197701	IMPORTS AGRICULTURAL MACHINERY - WORLD	10**6 \$	TRANSFORMATION
MAGRESW	195001	197701	IMPORTS AGRICULTURAL MACHINERY - WORLD	10**6 \$	TRANSFORMATION
MAGRESW	195001	197701	IMPORTS MISC MANUFACTURED GOODS - WORLD	10**6 \$	TRANSFORMATION
MAGRESW	195001	197701	IMPORTS MISC MANUFACTURED GOODS - WORLD	10**6 \$	TRANSFORMATION
MAGRESW	195001	197701	IMPORTS MISC PROCESSED GOODS - WORLD	10**6 \$	TRANSFORMATION
MAGRESW	195001	197701	IMPORTS MISC PROCESSED GOODS - WORLD	10**6 \$	TRANSFORMATION
MAGRESW	195001	197701	IMPORTS MISC EQUIPMENT & TOOL - WORLD	10**6 \$	TRADE OF CDA
MAGRESW	195001	197701	IMPORTS MISC EQUIPMENT & TOOL - WORLD	10**6 \$	TRANSFORMATION
MAGRESW	195001	197701	IMPORTS METALS - WORLD	10**6 \$	TRANSFORMATION

[illegible]



VARIABLE	FROM	TO	DESCRIPTION	UNITS	SOURCE
XCN576.04 .21	194901	- 197401	ROP, CONSTRUCTION INDUSTRIES	10+66 1971\$	IPD STATCAN
XCN576.04 .21\$	194901	- 197401	GDP, CONSTRUCTION INDUSTRIES	10+66 \$	IPD STATCAN
XCOMM543 .48	194901	- 197401	ROP, COMMUNICATION INDUSTRIES	10+66 1971\$	IPD STATCAN
XCOMM543 .48\$	194901	- 197401	GDP, COMMUNICATION INDUSTRIES	10+66 \$	IPD STATCAN
XOUMBADM	195601	- 197601	DUMMY VARIABLE - REAL DOMESTIC PRODUCT BLOCK	10+60	ECC
XOUMGOODM	195601	- 197601	DUMMY VARIABLE - REAL DOMESTIC PRODUCT BLOCK	10+60	ECC
XOUM6170	195601	- 197401	DUMMY VARIABLE - REAL DOMESTIC PRODUCT BLOCK	10+60	ECC
XOUM66 70	195601	- 197601	DUMMY VARIABLE - REAL DOMESTIC PRODUCT BLOCK	10+60	ECC
XOUM71 74	195601	- 197401	DUMMY VARIABLE - REAL DOMESTIC PRODUCT BLOCK	10+60	ECC
XFIRE701 .37	194901	- 197401	ROP, FINANCE, INSURANCE AND REAL ESTATE INDUSTRIES	10+66 1971\$	IPD STATCAN
XFIRE701 .37\$	194901	- 197401	GDP, FINANCE, INSURANCE AND REAL ESTATE INDUSTRIES	10+66 \$	IPD STATCAN
XFSTY31 .9	194901	- 197401	ROP, FORESTRY INDUSTRIES	10+66 1971\$	IPD STATCAN
XFSTY31 .9\$	194901	- 197401	GDP, FORESTRY INDUSTRIES	10+66 \$	IPD STATCAN
XGHDSP 821	194901	- 197401	ROP, HOSPITALS	10+66 1971\$	IPD STATCAN
XGHDSP 821\$	194901	- 197401	GDP, HOSPITALS	10+66 \$	IPD STATCAN
XGPAFD 902	194901	- 197401	ROP, PUBLIC ADMINISTRATION, FEDERAL DEFENCE	10+66 1971\$	IPD STATCAN
XGPAFD 902\$	194901	- 197401	GDP, PUBLIC ADMINISTRATION, FEDERAL DEFENCE	10+66 \$	IPD STATCAN
XGPAFND 909	194901	- 197401	ROP, PUBLIC ADMINISTRATION, FEDERAL NON DEFENCE	10+66 1971\$	IPD STATCAN
XGPAFND 909\$	194901	- 197401	GDP, PUBLIC ADMINISTRATION, FEDERAL NON DEFENCE	10+66 \$	IPD STATCAN
XGPAF 902 .09	194901	- 197401	ROP, PUBLIC ADMINISTRATION, FEDERAL, TOTAL	10+66 1971\$	TRANSFORMATION
XGPAF 902 .09\$	194901	- 197401	GDP, PUBLIC ADMINISTRATION, FEDERAL, TOTAL	10+66 \$	TRANSFORMATION
XGPAL 951	194901	- 197401	ROP, PUBLIC ADMINISTRATION, LOCAL GOVERNMENT	10+66 1971\$	IPD STATCAN
XGPAL 951\$	194901	- 197401	GDP, PUBLIC ADMINISTRATION, LOCAL GOVERNMENT	10+66 \$	IPD STATCAN
XGPA931	194901	- 197401	ROP, PUBLIC ADMINISTRATION, PROVINCIAL GOVERNMENT	10+66 1971\$	IPD STATCAN
XGPA931\$	194901	- 197401	GDP, PUBLIC ADMINISTRATION, PROVINCIAL GOVERNMENT	10+66 \$	IPD STATCAN
XGPA90 2 .51	194901	- 197401	ROP, PUBLIC ADMINISTRATION (INCLUDING DEFENCE), TOTAL	10+66 1971\$	TRANSFORMATION
XGPA90 2 .51\$	194901	- 197401	GDP, PUBLIC ADMINISTRATION (INCLUDING DEFENCE), TOTAL	10+66 \$	TRANSFORMATION
XGPS ED	194901	- 197401	ROP, PRIMARY, SECONDARY AND NON UNIV POST SEC ED	10+66 1971\$	IPD STATCAN
XGPS ED\$	194901	- 197401	GDP, PRIMARY, SECONDARY AND NON UNIV POST SEC ED	10+66 \$	IPD STATCAN
XIBTCO \$	194601	- 197601	GDP, INDIRECT BUSINESS TAX - COMMODITIES	10+66 \$	TRANSFORMATION
XIBTCO \$	194601	- 197601	GDP, INDIRECT BUSINESS TAX - NONCOMMODITIES	10+66 \$	TRANSFORMATION
XMF	194901	- 197401	ROP, MANUFACTURING, TOTAL	10+66 1971\$	TRANSFORMATION
XMF\$	194901	- 197401	GDP, MANUFACTURING, TOTAL	10+66 \$	TRANSFORMATION
XMFDR	194901	- 197401	ROP, MANUFACTURING DURABLES, TOTAL	10+66 1971\$	TRANSFORMATION
XMFDR\$	194901	- 197401	GDP, MANUFACTURING DURABLES, TOTAL	10+66 \$	TRANSFORMATION
XMFDR2 51 .59	194901	- 197401	ROP, WOOD INDUSTRIES	10+66 1971\$	IPD STATCAN
XMFDR2 51 .59\$	194901	- 197401	GDP, WOOD INDUSTRIES	10+66 \$	IPD STATCAN
XMFDR2 61 .68	194901	- 197401	ROP, FURNITURE AND FUTURE INDUSTRIES	10+66 1971\$	IPD STATCAN
XMFDR2 61 .68\$	194901	- 197401	GDP, FURNITURE AND FUTURE INDUSTRIES	10+66 \$	IPD STATCAN
XMFDR2 91 .94	194901	- 197401	ROP, IRON AND STEEL INDUSTRIES	10+66 1971\$	IPD STATCAN
XMFDR2 91 .94\$	194901	- 197401	GDP, IRON AND STEEL INDUSTRIES	10+66 \$	IPD STATCAN
XMFDR2 91 .98	194901	- 197401	ROP, PRIMARY METALS INDUSTRIES	10+66 1971\$	TRANSFORMATION
XMFDR2 91 .98\$	194901	- 197401	GDP, PRIMARY METALS INDUSTRIES	10+66 \$	TRANSFORMATION
XMFDR2 95 .98	194901	- 197401	ROP, NON FERROUS METAL INDUSTRIES	10+66 1971\$	IPD STATCAN
XMFDR2 95 .98\$	194901	- 197401	GDP, NON FERROUS METAL INDUSTRIES	10+66 \$	IPD STATCAN
XMFDR301 .09	194901	- 197401	ROP, METAL FABRICATING INDUSTRIES	10+66 1971\$	IPD STATCAN
XMFDR301 .09\$	194901	- 197401	GDP, METAL FABRICATING INDUSTRIES	10+66 \$	IPD STATCAN
XMFDR311 .18	194901	- 197401	ROP, MACHINERY (EX ELEC MACH) INDUSTRIES	10+66 1971\$	IPD STATCAN
XMFDR311 .18\$	194901	- 197401	GDP, MACHINERY (EX ELEC MACH) INDUSTRIES	10+66 \$	IPD STATCAN

VARIABLE	FROM	T.C.	DESCRIPTION	UNITS	SOURCE
XRENT000\$	194901	- 197401	GDP, OWNER OCCUPIED DWELLINGS	10**6 \$	IPD STATCAN
XSVACN	194901	- 197401	RDP, COMMERCIAL SERVICES INDUSTRIES	10**6 \$	IPD STATCAN
XSVACN\$	194901	- 197401	GDP, COMMERCIAL SERVICES INDUSTRIES	10**6 \$	IPD STATCAN
XSVHCE0806	194901	- 197401	RDP, COLLEGE AND UNIVERSITY EDUCATION	10**6 \$	IPD STATCAN
XSVHCE0806\$	194901	- 197401	GDP, COLLEGE AND UNIVERSITY EDUCATION	10**6 \$	IPD STATCAN
XSVHC	194901	- 197401	RDP, OTHER NONCOMMERCIAL SERVICES INDUSTRIES	10**6 \$	IPD STATCAN
XSVHC\$	194901	- 197401	GDP, OTHER NONCOMMERCIAL SERVICES INDUSTRIES	10**6 \$	IPD STATCAN
XSTRD602.99	194901	- 197401	RDP, WHOLESALE AND RETAIL TRADE INDUSTRIES	10**6 \$	IPD STATCAN
XTRD602.99\$	194901	- 197401	GDP, WHOLESALE AND RETAIL TRADE INDUSTRIES	10**6 \$	IPD STATCAN
XTRSP501-27	194901	- 197401	RDP, TRANSPORTATION INDUSTRIES	10**6 \$	IPD STATCAN
XTRSP501-27\$	194901	- 197401	GDP, TRANSPORTATION INDUSTRIES	10**6 \$	IPD STATCAN
XUTL1572.79	194901	- 197401	RDP, UTILITY INDUSTRIES	10**6 \$	IPD STATCAN
XUTL1572.79\$	194901	- 197401	GDP, UTILITY INDUSTRIES	10**6 \$	IPD STATCAN
Y-ADJ.GTR\$	194601	- 197601	VALUATION ADJUSTMENT ON GRAIN TRANSACTIONS	10**6 \$	STATCAN NAT ACC
Y-B.CC\$	194601	- 197601	CAPITAL CONSUMPTION ALLOWANCES - BUSINESS	10**6 \$	STATCAN NAT ACC
Y.CCA+VW\$	194601	- 197601	CAPITAL CONSUMPTION ALLOWANCES AND MISC VALUATION ADJUSTMENTS	10**6 \$	STATCAN NAT ACC
Y.CORP.TP\$	194601	- 197601	TRANSFER PAYMENTS FROM CORPORATIONS TO PERSONS	10**6 \$	STATCAN NAT ACC
Y-DIV\$	194601	- 197601	DIVIDENDS	10**6 \$	STATCAN NAT ACC
Y-DIVPCR\$	194601	- 197601	DIVIDENDS PAID TO CANADIAN RESIDENTS	10**6 \$	STATCAN NAT ACC
Y-DIVPAR\$	194601	- 197601	DIVIDENDS PAID TO NON-RESIDENTS	10**6 \$	STATCAN NAT ACC
Y-FARM\$	194601	- 197601	ACCURED NET INCOME OF FARM OPERATORS FROM FARM PRODUCTION	10**6 \$	STATCAN NAT ACC
Y-INT.CD\$	194601	- 197601	INTEREST ON CONSUMER DEBT	10**6 \$	STATCAN NAT ACC
Y-INT.PRSN\$	194601	- 197601	INTEREST INCOME - PERSONS	10**6 \$	STATCAN NAT ACC
Y-INT+DIV+MIS\$	194601	- 197601	INTEREST, DIVIDENDS AND MISC. INVESTMENT INCOME	10**6 \$	STATCAN NAT ACC
Y-INT+MIS\$	194601	- 197601	INTEREST, AND MISC INVESTMENT INCOME	10**6 \$	STATCAN NAT ACC
Y-NFARMIB\$	194601	- 197601	NET INCOME OF NON-FARM UNINCORPORATED BUSINESSES	10**6 \$	STATCAN NAT ACC
Y-PROF.BT.CC\$	194601	- 197601	CORPORATE AND GOVT* BUS ENTERPRISE PROFITS	10**6 \$	STATCAN NAT ACC
Y-PROF.BT.CORP\$	194601	- 197601	CORPORATION PROFITS BEFORE TAXES	10**6 \$	STATCAN NAT ACC
Y-PROF.BT.GOVBE\$	194601	- 197601	PROFITS OF GOVT* BUS ENTERPRISES	10**6 \$	STATCAN NAT ACC
Y-URPROF.CORP\$	194601	- 197601	UNREMITTED PROFITS OF CORPORATIONS	10**6 \$	STATCAN NAT ACC
Y-URPROF.GOVBE\$	194601	- 197601	DUMMY VARIABLE - NET NATIONAL INCOME AND PROFITS BLOCK	10**6 \$	STATCAN NAT ACC
YUNH050	195001	- 197501	DUMMY VARIABLE - NET NATIONAL INCOME AND PROFITS BLOCK	10**6 \$	STATCAN NAT ACC
YUNH069	195001	- 197501	DUMMY VARIABLE - INDEX OF TOTAL INDUSTRIAL PRODUCTION	10**6 \$	STATCAN NAT ACC
ZFRTR	195001	- 197501	FRANCE - EXCHANGE RATE - CDM-DOLLARS PER FR-FRANC	10**6 \$	STATCAN NAT ACC
ZFRTRDWT	195001	- 197501	FRANCE - TRADE WEIGHT, TOTAL FRENCH/COM TRADE	10**6 \$	STATCAN NAT ACC
ZGR AUTO	195401	- 197501	GERMANY - EXPORT PRICE, AUTOS & PARTS - DEUTSCHE MARKS	10**6 \$	STATCAN NAT ACC
ZGRCP I	194901	- 197601	GERMANY - CONSUMER PRICE INDEX	10**6 \$	STATCAN NAT ACC
ZGRCP R	195001	- 197501	GERMANY - INDEX OF INDUSTRIAL PRODUCTION, TOTAL	10**6 \$	STATCAN NAT ACC
ZGRFRX	195001	- 197501	GERMANY - EXCHANGE RATE - CDM-DOLLARS PER MARK	10**6 \$	STATCAN NAT ACC
ZGRTRDWT	195001	- 197501	GERMANY - TRADE WEIGHT, TOTAL GERMAN/COM TRADE	10**6 \$	STATCAN NAT ACC
ZGRFUKPFC\$M12	195001	- 197501	DEFIATOR CONS EXPEND - NATO AVERAGE MILITARY PAYCALLOWANCES AGRD	10**6 \$	STATCAN NAT ACC
ZITPR	195501	- 197601	ITALY - INDEX OF INDUSTRIAL PRODUCTION, TOTAL	10**6 \$	STATCAN NAT ACC
ZITPR	195001	- 197501	ITALY - EXCHANGE RATE - CDM-DOLLARS PER LIRE	10**6 \$	STATCAN NAT ACC
ZITPRDWT	195001	- 197501	ITALY - TRADE WEIGHT, TOTAL ITALIAN/COM TRADE	10**6 \$	STATCAN NAT ACC
ZJAIPR	195501	- 197601	JAPAN - INDEX OF INDUSTRIAL PRODUCTION, TOTAL	10**6 \$	STATCAN NAT ACC
ZJAIPR	195001	- 197501	JAPAN - EXCHANGE RATE - CDM-DOLLARS PER YEN	10**6 \$	STATCAN NAT ACC
ZJATRDWT	195001	- 197501	JAPAN - TRADE WEIGHTS, TOTAL JAPANESE/COM TRADE	10**6 \$	STATCAN NAT ACC
ZEDCCOM\$NT	195201	- 197501	OECD CONSUMPTION EXPENDITURE - NATO	10**6 \$	STATCAN NAT ACC

VARIABLE	FROM	TO	DESCRIPTION	UNITS	SOURCE
ZOECCIPR	195501 -	197501	OECD INDUSTRIAL PRODUCTION - WTC	1971=100.0	TRANSFORMATION
ZOSCONSH	195201 -	197501	OVERSEAS CONSUMPTION EXPENDITURE	1971=100.0	DECD
ZOSCONSH	195201 -	197501	OVERSEAS GROSS FIXED CAPITAL FORMATION - WTD	1971=100.0	DECD
ZOSGFCFMT	195201 -	197501	OVERSEAS GROSS FIXED CAPITAL FORMATION - PRICE DEFLATOR - WTD	1971=100.0	TRANSFORMATION
ZOSIPR	195501 -	197501	OVERSEAS INDEX OF INDUSTRIAL PRODUCTION	10+3 TONS	CPPA
ZOSNPCAP	195501 -	197501	OVERSEAS NEWSPRINT CAPACITY	10+3 TONS	CPPA
ZOSWPDND	195501 -	197501	OVERSEAS NEWSPRINT DEMAND	1971=1.0	BK OF COA, IMF
ZOSXEW	195501 -	197501	EXCH RATE - MTD RATE OF 5 OVERSEAS COUNTRIES IN TERMS OF CON \$	1971=100.0	IMF-IFS
ZUKCPI	194801 -	197601	UNITED KINGDOM - CONSUMER PRICE INDEX	PER CENT	UK STAT ABSTRACT
ZUKFCIN SOLS	195501 -	197601	UNITED KINGDOM - CONSOLS RATE - AVERAGE FLAT YIELD	1971=100.0	DECD
ZUKPR	195501 -	197601	UNITED KINGDOM - INDEX OF INDUSTRIAL PRODUCTION, TOTAL	\$/COM/BR POUND	BK OF COA
ZUKREX	195501 -	197501	UK - EXCHANGE RATE - CON-DOLLARS PER BRITISH POUND	RATIO	WHARTON EFA
ZUKRDWT	195501 -	197501	UNITED KINGDOM - TRADE WEIGHT, TOTAL UNITED KINGDOM/CON TRADE	BILL CURRENT \$	WHARTON EFA
ZUSCCAT \$	194601 -	197601	CAPITAL CONSUMPTION ALLOWANCES WITH CAPITAL CONSUMPTION ADJ	BILL CONSTANT \$	WHARTON EFA
ZUSCE	194601 -	197601	PERSONAL CONSUMPTION, TOTAL	BILL CONSTANT \$	WHARTON EFA
ZUSCED	194601 -	197601	PERSONAL CONSUMPTION EXPENDITURES, DURABLE GOODS	BILL CONSTANT \$	WHARTON EFA
ZUSCEDA	194601 -	197601	PERSONAL CONSUMP EXPEND, DUR GOODS, MOTOR VEHICLES & PARTS	BILL CONSTANT \$	WHARTON EFA
ZUSCEDF	194601 -	197601	PERSONAL CONSUMP EXPEND, DUR GOODS, FURNITURE & HSHOLD EQUIP	BILL CONSTANT \$	WHARTON EFA
ZUSCEN	194601 -	197601	PERSONAL CONSUMPTION EXPENDITURES, NONDURABLE GOODS	BILL CONSTANT \$	WHARTON EFA
ZUSCENF	194601 -	197601	PERSONAL CONSUMP EXPEND, NONDURABLE GOODS, FOOD	BILL CONSTANT \$	WHARTON EFA
ZUSCENFA	194601 -	197601	PERSONAL CONSUMP EXPEND, NONDUR, FOOD & BEVERAGES/ALCOHOLIC BEVERAGE	PERCENT	WHARTON EFA
ZUSFBCPMH	194601 -	197601	PRIME COMMERCIAL PAPER 4-6 MONTHS	PERCENT	WHARTON EFA
ZUSFBCMS	194601 -	197601	BOND RATE, TOTAL	PERCENT	WHARTON EFA
ZUSFBCSI	194801 -	197601	BOND RATE, INDUSTRIAL	THOUSANDS	WHARTON EFA
ZUSHSR	194701 -	197601	PRIVATE NEW HOUSING UNITS STARTED, FARM AND NONFARM, TOTAL	BILL CONSTANT \$	WHARTON EFA
ZUSIAA G	194601 -	197601	INVESTMENT, NONRESIDENTIAL, STRUCTURES & EQUIPMENT, FARM	BILL CONSTANT \$	WHARTON EFA
ZUSIAHFD	194601 -	197601	INVESTMENT, NEW PLANT/EQUIP (BEA-SEC), MANUFACTURING, DURABLES	BILL CONSTANT \$	WHARTON EFA
ZUSIAHFD36	194601 -	197601	INVESTMENT, NEW PLANT/EQUIP (BEA-SEC), MFG, DUR, ELEC MACHINERY	BILL CONSTANT \$	WHARTON EFA
ZUSIAHFD371	194601 -	197601	INVEST, NEW PLANT/EQUIP (BEA-SEC), MFG, DUR; TRANS EG, MOTOR VEH	BILL CONSTANT \$	WHARTON EFA
ZUSIBF	194601 -	197601	INVESTMENT, FIXED	BILL CURRENT \$	WHARTON EFA
ZUSIBFMS	194601 -	197601	INVESTMENT, FIXED, NONRESIDENTIAL	BILL CURRENT \$	WHARTON EFA
ZUSIBT \$	194601 -	197601	CHANGE IN BUSINESS INVENTORIES, TOTAL	BILL CONSTANT \$	WHARTON EFA
ZUSIBTDV	194701 -	197601	CHANGE IN INVENTORIES OF (DEALERS') NEW AND USED AUTOS	BILL CURRENT \$	WHARTON EFA
ZUSIP	194701 -	197601	FMB INDUSTRIAL PRODUCTION ADJUSTMENT, CORPORATE PROFITS	BILL CONSTANT \$	WHARTON EFA
ZUSIVA \$	194601 -	197601	INVENTORY VALUATION ADJUSTMENT, TOTAL	1967 = 100.	WHARTON EFA
ZUSNPCAP	195001 -	197501	U.S. NEWSPRINT CAPACITY	10+3 TONS	CPPA
ZUSNPCMS	195001 -	197501	U.S. NEWSPRINT CONSUMPTION	10+3 TONS	CPPA
ZUSOPT	194601 -	197601	TOTAL POPULATION INCLUDING ARMED FORCES OVERSEAS (JULY 1)	MILLIONS	CUR POP REP P-25
ZUSRUT	194701 -	197601	UNEMPLOYMENT RATE, CIVILIAN LABOR FORCE	PERCENT	WHARTON EFA
ZUSP	194701 -	197601	CONSUMER PRICE INDEX, ALL ITEMS	1967 = 100.	BLS CPI REPORT
ZUSPOCE	194601 -	197601	IMPLICIT DEFLATOR, PERSONAL CONSUMPTION EXPENDITURES, TOTAL	1972 = 100.	WHARTON EFA
ZUSPOCEDF	194601 -	197601	IMPLICIT DEFL, PERSONAL CONSUMP EXPEND, DUR, FURNITURE/HSHLD EQUIP	1972 = 100.	WHARTON EFA
ZUSPOCEEN	194601 -	197601	IMPLICIT DEFLATOR, PERSONAL CONSUMP EXPEND, NONDURABLE GOODS	1972 = 100.	WHARTON EFA
ZUSPOCEHC	194601 -	197601	IMPLICIT DEFLATOR, PERSONAL CONSUMP EXPEND, NONDURABLES, CLOTHING/SHOES	1972 = 100.	WHARTON EFA
ZUSPOCEMF	194601 -	197601	IMPLICIT DEFLATOR, PERSONAL CONSUMP EXPEND, NONDURABLES, FOOD	1972 = 100.	WHARTON EFA
ZUSPOCENF	194601 -	197601	IMPLICIT DEFLATOR, PERSONAL CONSUMP EXPEND, SERVICES	1972 = 100.	WHARTON EFA
ZUSPOCES	194601 -	197601	IMPLICIT DEFLATOR, PERSONAL CONSUMP EXPEND, SERVICES, HOUSING	1972 = 100.	WHARTON EFA
ZUSPOCESH	194601 -	197601	IMPL DEFL, PERSONAL CONSUMP EXPEND, SERVICES, OTHER	1972 = 100.	WHARTON EFA
ZUSPOCESD	194601 -	197601	IMPL DEFL, PERSONAL CONSUMP EXPEND, SERVICES, TRANSPORTATION	1972 = 100.	WHARTON EFA
ZUSPOCESST	194601 -	197601	IMPL DEFL, PERSONAL CONSUMP EXPEND, SERVICES, TRANSPORTATION	1972 = 100.	WHARTON EFA

VARIABLE	FROM	TO	DESCRIPTION	UNITS	SOURCE
ZUSPDGMP	194601	- 197601	IMPLICIT DEFLATOR, GROSS NATIONAL PRODUCT	1972 = 100.	WHARTON EFA
ZUSPDIBFM	194601	- 197601	DEFLATOR CONSUMPTION, FIXED INVESTMENT, NONRESIDENTIAL	1972 = 100.	WHARTON EFA
ZUSPFC5A11	194601	- 197601	DEFLATOR CONSUMPTION, FIXED INVESTMENT, NONRESIDENTIAL	1971=1.0	TRANSFORMATION
ZUSPXAG	194701	- 197601	OUTPUT, PRICE DEFLATOR, AGRICULTURE, FORESTRY & FISHERIES	1972 = 100.	WHARTON EFA
ZUSPXMF	194701	- 197601	OUTPUT, PRICE DEFLATOR, MANUFACTURING	1972 = 100.	WHARTON EFA
ZUSPXHFD24	194701	- 197601	OUTPUT, PRICE DEFLATOR, LUMBER & WOOD PRODUCTS, EXC. FURN.	1972 = 100.	WHARTON EFA
ZUSPXHFD33	194701	- 197601	OUTPUT, PRICE DEFLATOR, PRIMARY METALS	1972 = 100.	WHARTON EFA
ZUSPXHFD34	194701	- 197601	OUTPUT, PRICE DEFLATOR, FABRICATED METAL PRODUCTS	1972 = 100.	WHARTON EFA
ZUSPXHFD36	194701	- 197601	OUTPUT, PRICE DEFLATOR, ELECTRICAL MACHINERY	1972 = 100.	WHARTON EFA
ZUSPXMG	194701	- 197601	OUTPUT, PRICE DEFLATOR, MINING	1972 = 100.	WHARTON EFA
ZUSRET\$	194601	- 197601	UNDISTRIBUTED CORPORATE PROFITS, TOTAL	BILL CURRENT \$	WHARTON EFA
ZUSTHDE	195201	- 197601	U.S. IMPORTS, DIRECT DEFENSE EXPENDITURES	BILL CONSTANT \$	WHARTON EFA
ZUSWRC4	194701	- 197601	COMPENSATION PER EMPLOYEE PER WHR, ALL INDUSTRIES	CURRENT \$/WEEK	WHARTON EFA
ZUSWRCFD371\$	194701	- 197601	COMPENSATION PER MANHR, MFG, DUR; TRANSPORT EQ, MOTOR VEH&PARTS	CURRENT \$/HOUR	WHARTON EFA
ZUSWRCMF20\$	194701	- 197601	COMPENSATION PER MANHR, MFG, DUR; TRANSPORT EQ, MOTOR VEH&PARTS	CURRENT \$/HOUR	WHARTON EFA
ZUSWRCMG\$	194701	- 197601	COMPENSATION PER MANHR, MINING	CURRENT \$/HOUR	WHARTON EFA
ZUSXAG	194701	- 197601	GROSS PRODUCT ORIGINATING: AGRICULTURE, FORESTRY & FISHERIES	BILL CONSTANT \$	WHARTON EFA
ZUSXMF0	194701	- 197601	GROSS PRODUCT ORIGINATING: MANUFACTURING, DURABLE GOODS INDS	BILL CONSTANT \$	WHARTON EFA
ZUSXMF0375P2	194701	- 197601	GROSS PROD ORIG: MFG, DUR; NCN&TO TRANS+ORD+MISC MF=372-9+19+39	BILL CONSTANT \$	WHARTON EFA
ZUSXMF0371	194701	- 197601	GROSS PRODUCT ORIG: MFG, DURABLES; TRANSPORT EQ, MOTOR VEH&EQUIP	BILL CONSTANT \$	WHARTON EFA
ZUSXMF26	194701	- 197601	GROSS PRODUCT ORIG: MFG, DURABLES; TRANSPORT EQ, MOTOR VEH&EQUIP	BILL CONSTANT \$	WHARTON EFA
ZUSYD1VT\$	194601	- 197601	DIVIDEND INCOME, TOTAL	BILL CURRENT \$	WHARTON EFA
ZUSYENTF	194701	- 197601	U.S. FARM INCOME - REAL TERMS-ESTIMATE	BILL CONSTANT \$	TRANSFORMATION
ZUSYENTF\$	194601	- 197601	PROPRIETORS' INCOME, FARM, WITH IVA & CAPITAL CONSUMPTION ADJ	BILL CURRENT \$	WHARTON EFA
ZUSYPD\$	194601	- 197601	DISPOSABLE PERSONAL INCOME	BILL CURRENT \$	SCB 2.1
ZUSYPD\$AV\$	194601	- 197601	PERSONAL SAVINGS	BILL CURRENT \$	WHARTON EFA

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